

DESIGN



PATENT OFFICE
AUG 14 1951
DESIGN DIVISION
Flowers School Equipment Company
Inc.
Richmond, Virginia
"The Sign of Quality"

C-2
C-20

PATENT OFFICE
Furniture Catalogues
AUG 14 1951

DESIGN DIVISION
Catalog No. 23

RETURN TO

DESIGN DIV.

Design

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AUG 14 1951

DESIGN DIVISION

LIBRARY

Flowers School Equipment Company, Inc. Richmond 20, Va.

AUG 13 1951

CATALOG NUMBER 23

U S PATENT OFFICE

We, of Flowers School Equipment Company, Inc., are proud to bring you our new catalog, Number 23. The number 23 is significant to us, not as a catalog number, but as the number of years of our service to schools, churches, businesses and corporations.

PATENT OFFICE

PRICES

AUG 14 1951

In every case where practicable, prices have been shown with items in this catalog. It is impractical to price each item, but all prices are available upon request.

DESIGN DIVISION

The prices are correct at the time the catalog was being compiled, but naturally, must be subject to change without notice as conditions beyond our control may require. We will price your order at our office at the correct prices in effect at that time and our prompt acknowledgment will show you exactly what each item is to cost. We assure you we will always strive to keep our prices as low as possible consistent with quality merchandise. As an accommodation, we will prepay the transportation charges on your order and these charges will be invoiced to you as soon as possible after shipment. Our prices as given in this catalog do not include any Federal or State taxes now in effect or which may be imposed later and all sales are subject to the addition of these taxes in effect at time of shipment.

TERMS

Our terms are 30 days net from date of each shipment. This allows ample time for inspection and approval of any merchandise. All claims must be made within 15 days after receipt of merchandise. All accounts due over 30 days are subject to an interest charge at the regular rate. We welcome any accounts which may be opened with an initial order of \$10.00 or more, subject to credit approval. If you do not have an account, and your order is for less than \$10.00, please accompany your order with payment including postage.

SHIPMENTS

Examine your shipment before accepting it from the Carrier. All shipments leave our warehouse or our supplier's factory in good condition. When our merchandise has been accepted and signed for by an Express, Railroad, or Trucking Company, our responsibility for safe delivery ceases. Therefore, when you receive a shipment examine it carefully before accepting it. If the shipment is not delivered to you in good order and in accordance with the quantity shown on the delivery receipt, have the damage or shortage noted on this receipt by the drayman before you sign it.

If you accept shipment from the Carrier short of what is enumerated on the delivery receipt or if it is damaged and the proper notation not made, you do so at your own risk. If shipment is in apparent good order when received and damage is discovered when it is opened, you should at once call the delivering carrier whose name is on your delivery receipt and request that an inspection of the shipment be made promptly. Retain all packing material intact; the inspector will come promptly and will ask to see it. After his examination, the inspector will give you a report of his findings with which you may secure reimbursement for your loss from the Carrier. Your claim should be entered promptly and if supported by the inspection report or notated delivery receipt, it will be paid promptly. We are willing to assist you in every possible way in the handling of such claims, but this willingness on our part cannot be assumed to make us responsible for the collection of claims or replacement of merchandise. For your protection, the above instructions must be followed.

We cannot allow deductions from our invoice because of damage in transit nor can payment be withheld pending adjustment of these claims.

Merchandise returned without our permission must be refused and returned to you at your expense. Please write us before sending any merchandise back for credit or exchange. Our guarantee of satisfaction assures you of prompt adjustment of any complaint.

Flowers School Equipment Company, Inc.

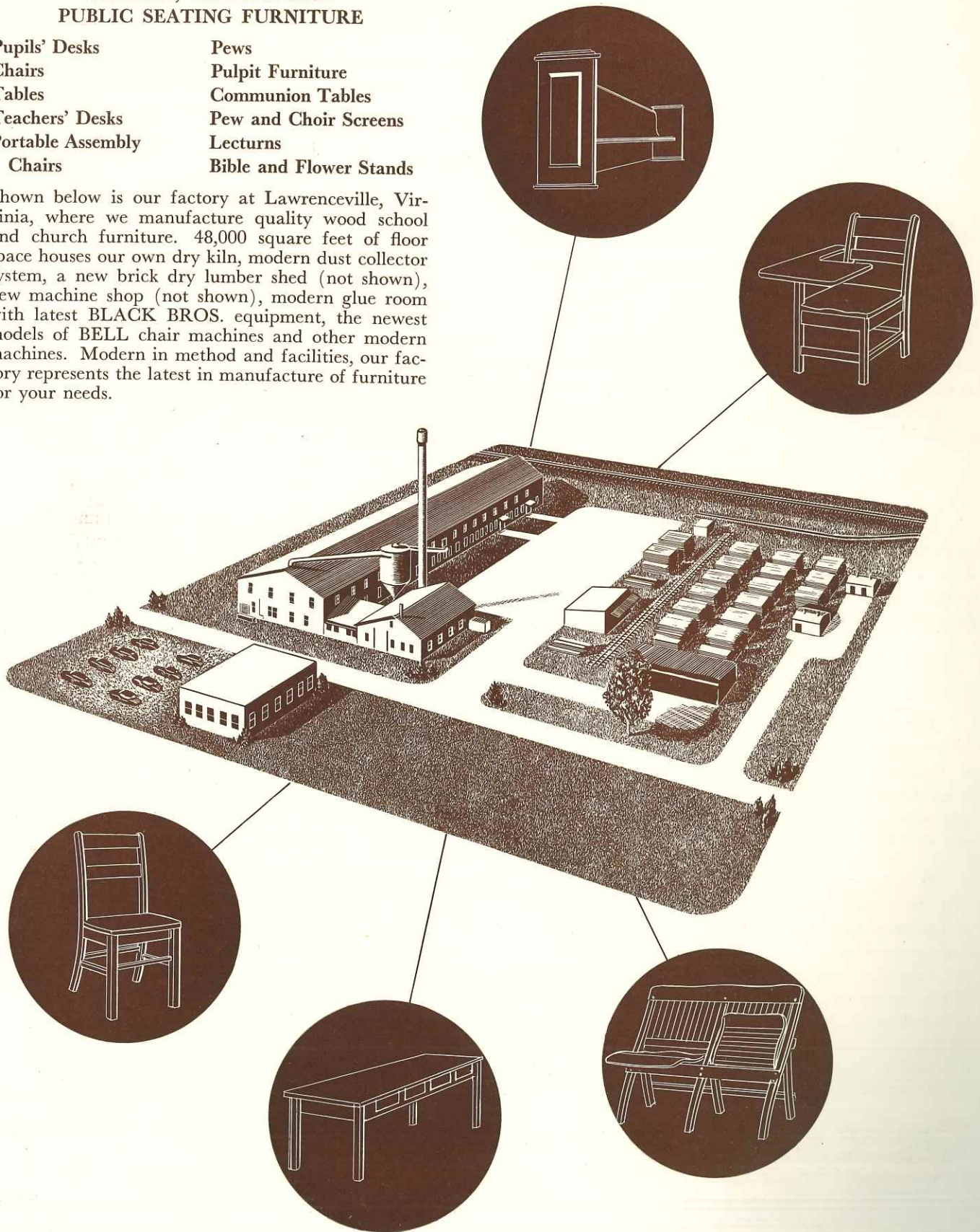
Manufacturers

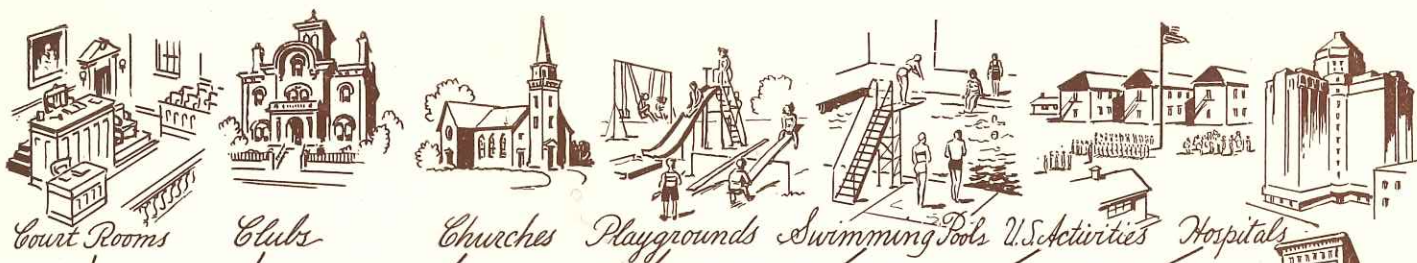
SCHOOL, CHURCH AND PUBLIC SEATING FURNITURE

Pupils' Desks
Chairs
Tables
Teachers' Desks
Portable Assembly
Chairs

Pews
Pulpit Furniture
Communion Tables
Pew and Choir Screens
Lecturns
Bible and Flower Stands

Shown below is our factory at Lawrenceville, Virginia, where we manufacture quality wood school and church furniture. 48,000 square feet of floor space houses our own dry kiln, modern dust collector system, a new brick dry lumber shed (not shown), new machine shop (not shown), modern glue room with latest BLACK BROS. equipment, the newest models of BELL chair machines and other modern machines. Modern in method and facilities, our factory represents the latest in manufacture of furniture for your needs.





INSTITUTIONAL WHOLESALE

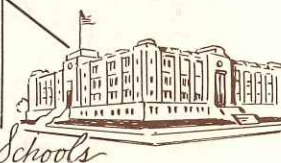
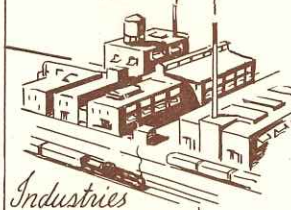
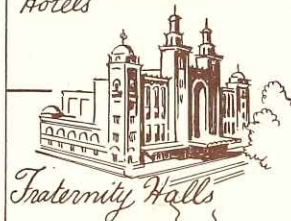
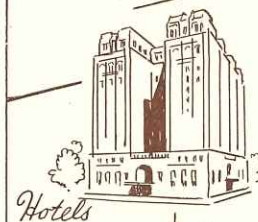
... of ...

ART SUPPLIES
AUDITORIUM SEATING
CHURCH PEWS AND PULPIT SETS
DORMITORY BEDROOM FURNITURE
DRAFTING EQUIPMENT
GYMNASIUM EQUIPMENT
HOMEMAKING FURNITURE
LABORATORY EQUIPMENT
LIBRARY FURNITURE AND STACKS
LOBBY AND LOUNGE FURNITURE
LOCKERS AND LOCKEROBES
MAPS AND GLOBES
MATTRESSES AND SPRINGS
NURSERY FURNITURE
OFFICE FURNITURE AND EQUIPMENT
PLAYGROUND AND POOL EQUIPMENT
PROJECTORS
SCHOOL FURNITURE AND SUPPLIES
SHOP EQUIPMENT
STAGE EQUIPMENT
STEEL SHELVING
SUNDAY SCHOOL FURNITURE
VENETIAN BLINDS AND SHADES
WATER COOLERS

*Complete Equipment
For Public Buildings*

*Flowers School
Equipment Co., Inc.*

327 WEST MAIN STREET
RICHMOND, VA.



To Better Serve You . . .



The two trucks shown here are Flowers' couriers of better service to you. The smaller service truck, shown on the left, is used for installation of equipment by our expertly-trained men. Traveling the entire area served by Flowers School Equipment Company, Inc., this truck serves as installation headquarters for all types of work.

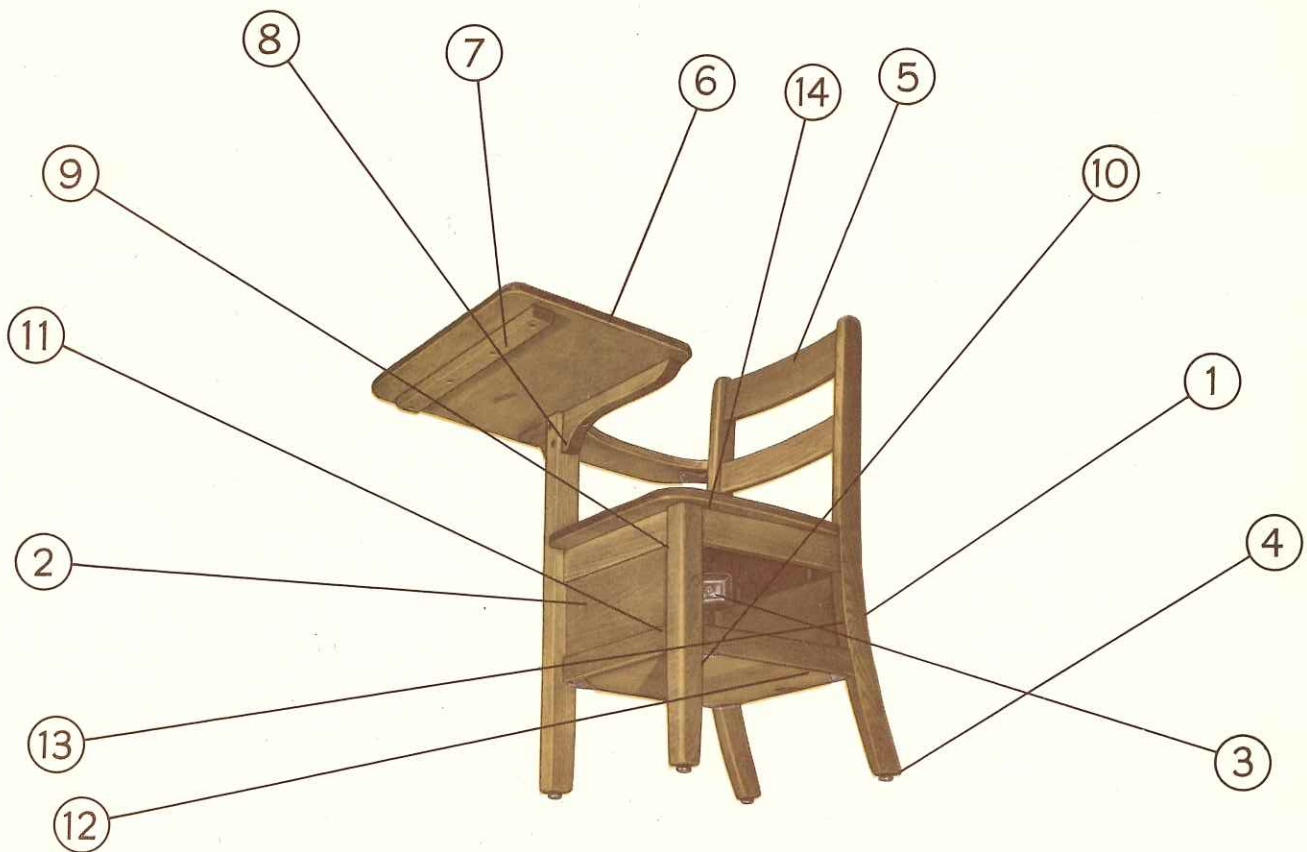
The larger tractor-trailer truck shown below travels the roads from our factory at Lawrenceville, Virginia, to all points within our business area, bringing Flowers-built furniture right to your door in a minimum of time. Lower freight costs, faster service and competent handling make for better service to you.



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For More Complete Listings
See General Index of Contents in Back of Catalog



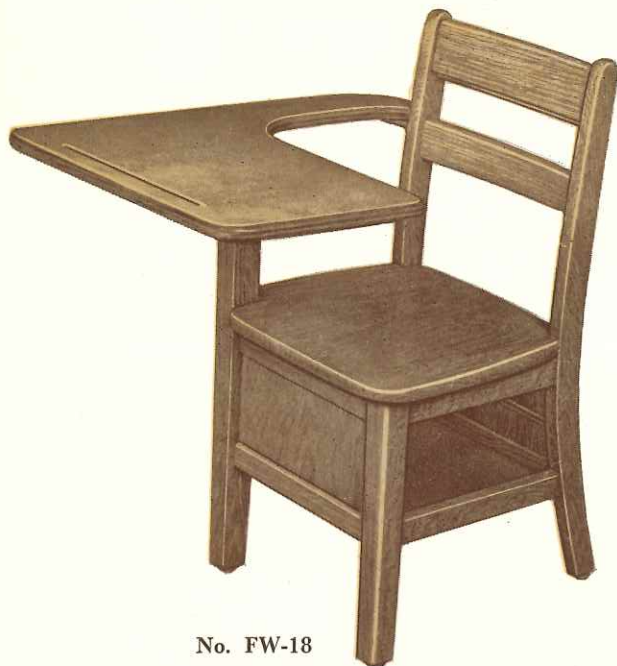
14 Reasons Why FLOWERS Wood

Movable Chair Desks Are Good

- | | |
|--|--|
| (1) Steambent Backposts | (10) Book Box Bottom Extra Metal Corner Bracing |
| (2) Book Box Enclosed on Three Sides and Bottom | (11) Chucked Stretchers |
| (3) Metal Corner Braces | (12) Cutouts in Bottom of Book Box for Cleanliness |
| (4) Equipped With Rubber Cushioned Glides | (13) Steel Rods Completely Through Desk Frame for Strength |
| (5) Steambent Backslats—Glued and Doweled | (14) Heavy Arm Bracket |
| (6) Writing Arm Made of Maple or Birch | |
| (7) Extra Bracing for Writing Arm | |
| (8) Special Slotted and Braded Construction for Strength | |
| (9) Doweled and Glued Seat Rails | |

This desk was designed by engineers for correct posture, seating comfort and appearance. A scratch-resisting lacquer used for better appearance.

FLOWERS Wood Movable Chair Desks



No. FW-18

(Approximate Dimensions)

Seat: Height.....18 in. Width.....18½ in. Depth.....17½ in.
Writing Arm ¾ in. 7 ply
Book Box (three sides enclosed).....¼ in. 3 ply

Weight.....35 lbs.

Material—Frame made of selected hard solid oak. Top made of maple plywood. Book box enclosed on all three sides with oak plywood. Bottom of book box reinforced with metal corner braces. Desks equipped with metal corner braces and steel rods through frame. All legs provided with rubber cushion glides (Faultless or Bassick). Back legs and back slats steam bent. Finish—Nut Brown or Natural.

Price.....\$11.50

Desks Shipped Completely Set Up Ready for Use



No. FW-17

(Approximate Dimensions)

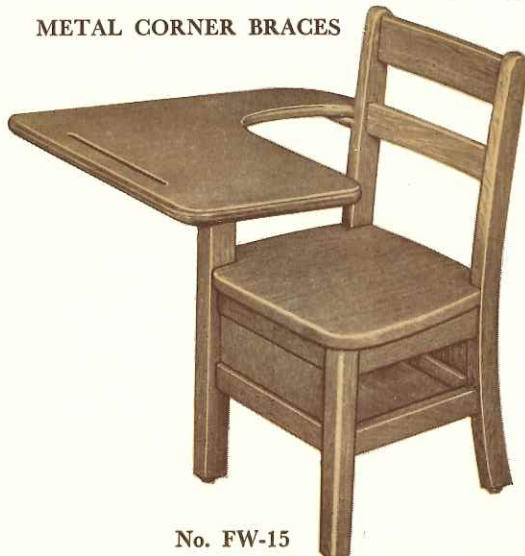
Seat: Height.....17 in. Width.....17½ in. Depth.....16½ in.
Writing Arm ¾ in. 7 ply
Book Box (three sides enclosed).....¼ in. 3 ply

Weight.....30 lbs.

Material—Frame made of selected hard solid oak. Top made of maple plywood. Book box enclosed on all three sides with oak plywood. Bottom of book box reinforced with metal corner braces. Desks equipped with metal corner braces and steel rods through frame. All legs provided with rubber cushion glides (Faultless or Bassick). Back legs and back slats steam bent. Finish—Nut Brown or Natural.

Price.....\$10.50

METAL CORNER BRACES



No. FW-15

(Approximate Dimensions)

Seat: Height.....15 in. Width.....15½ in. Depth.....14½ in.
Writing Arm ¾ in. 7 ply
Book Box (three sides enclosed).....¼ in. 3 ply

Weight.....25 lbs.

Material—Frame made of selected hard solid oak. Top made of maple plywood. Book box enclosed on all three sides with oak plywood. Bottom of book box reinforced with metal corner braces. Desks equipped with metal corner braces and steel rods through frame. All legs provided with rubber cushion glides (Faultless or Bassick). Back legs and back slats steam bent. Finish—Nut Brown or Natural.

Price.....\$10.25

Desks Shipped Completely Set Up Ready for Use

STEAM-BENT BACK POSTS



No. FW-13

(Approximate Dimensions)

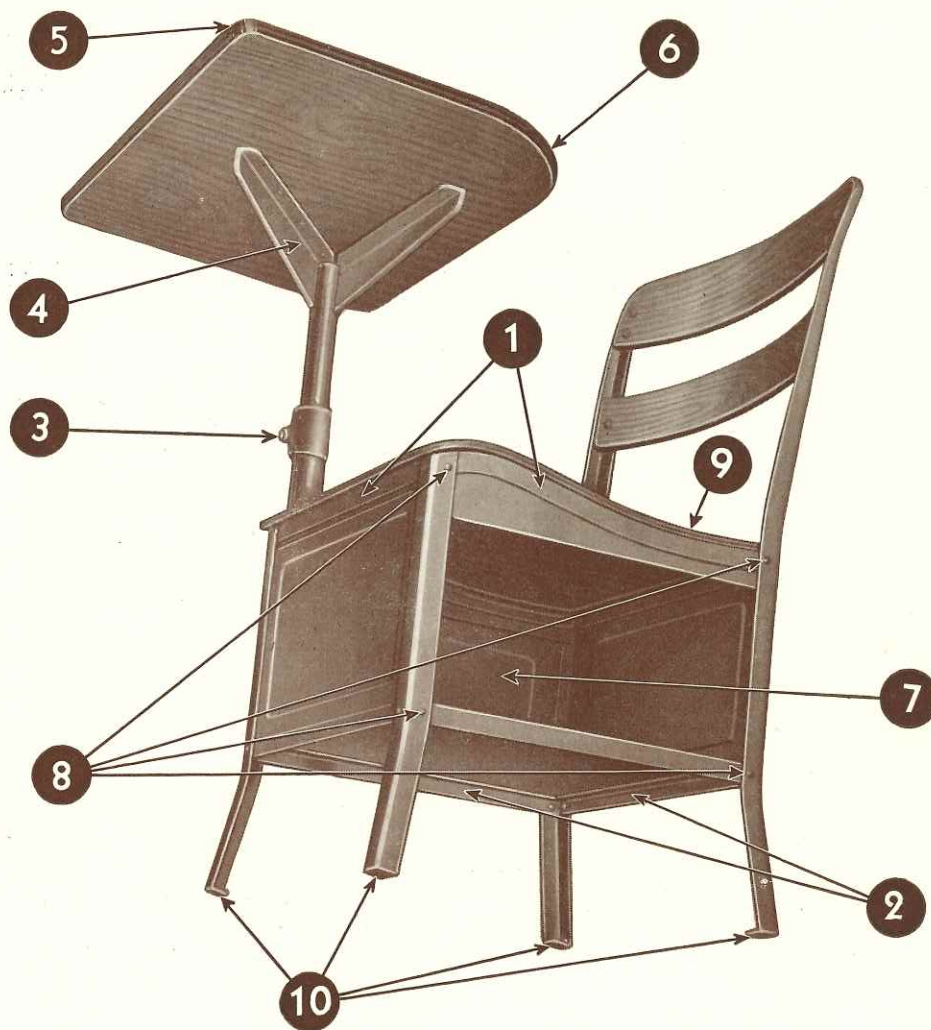
Seat: Height.....13 in. Width.....14½ in. Depth.....13½ in.
Writing Arm ¾ in. 7 ply
Book Box (three sides enclosed).....¼ in. 3 ply

Weight.....20 lbs.

Material—Frame made of selected hard solid oak. Top made of maple plywood. Book box enclosed on all three sides with oak plywood. Bottom of book box reinforced with metal corner braces. Desks equipped with metal corner braces and steel rods through frame. All legs provided with rubber cushion glides (Faultless or Bassick). Back legs and back slats steam bent. Finish—Nut Brown or Natural.

Price.....\$10.00

Write for Quantity Prices

IRWIN Modern School Furniture

1—A steel frame supports seat on all four sides.

2—Another steel frame supports book compartment on all four sides.

3—Tapered adjustment post insures slip-proof adjustment.

4—A heavy top support brace gives top rigidity.

5—Top will support 200 pounds here.

6—Top is of seven-ply hardwood balanced construction.

7—Book compartment closed on one side.

8—Riveted and welded construction gives lasting strength.

9—Rear edge of seat is protected by steel channel.

10—Front and rear legs have die-formed glider feet which are punched for attachment of rubber cushioned glides.

No. 292 MOVABLE CHAIR DESK

IRWIN Modern School Furniture



PATENT OFFICE

AUG 14 1951

DESIGN DIVISION

No. 292

MOVABLE CHAIR DESK

Designed to meet all normal academic requirements in their respective field, and constructed to provide long life under the severe treatment the desks are subjected to in school and assembly rooms. All wood parts are of strong, durable plywood. All desks have book box enclosed on three sides. Equipped with rubber cushion glides.

TABLE OF SIZES

	A INCHES	B INCHES	C INCHES
Desk Top	15 x 22	13 x 20	13 x 20
Height of Seat from Floor at Highest Point.....	17	15	13
Range of Top Adjustment.....	3	3	3
Weights	31 Lbs.	28 Lbs.	23 Lbs.
Prices	\$11.30	\$11.00	\$10.75

Write for Quantity Prices

Movable Chair Desk

Peabody Classic

No. 201 MOVABLE CHAIR DESK

Classic desks are readily adjustable to fit the requirements of growing children. The writing surface may be raised or lowered and locked into position by means of the supporting arm. This adjustment moves the surface forward or backward at the same time, so as to give the student the greatest amount of writing comfort. The automatic form-fitting backrest is another Peabody feature that aids in student comfort and contributes to better vision in the classroom. All plywood parts are made of fine hardwood. The metal parts are constructed of formed sheet steel, permanently welded together. The curved wood seat rolls smoothly over the front edge with no protuberances to catch clothing or hold dirt. All edges and unions between wood and metal are rounded for safety and sanitary reasons. All legs are equipped with rubber cushion glides.

Finish wood parts—Suntan Celsyn.

Finish metal parts—Suntan Baked Enamel.



DIMENSIONS

	Seat Hgt	Weight	Price
Size 201-A	17 in.	31½ lbs.	\$11.80
Size 201-B	15 in.	28½ lbs.	11.55
Size 201-C	13 in.	23½ lbs.	11.30

Add .50 for enclosed right hand panel.

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

MOVABLE CHAIR DESKS

No. 500

MOVABLE CHAIR DESK



This desk represents good seating at low cost. All woods are plywood of a Northern hardwood, with $\frac{1}{8}$ in. veneer faces made of either select birch or maple. Legs made of 10 gauge die-formed steel. Book boxes made from one piece of 22-gauge steel, embossed for greater strength and durability. All spot-welded construction. Rubber cushion glides optional.

Finish wood parts—Natural.

Finish metal parts—Dark or Light Taupe.

DIMENSIONS

Size	Seat Hgt.	Wt.	Price
No. 500-A	17 in.	31 lbs.	\$9.00
No. 500-B	15 in.	28 lbs.	8.40
No. 500-C	13 in.	23 lbs.	7.90

Add .35 for rubber cushion glides.

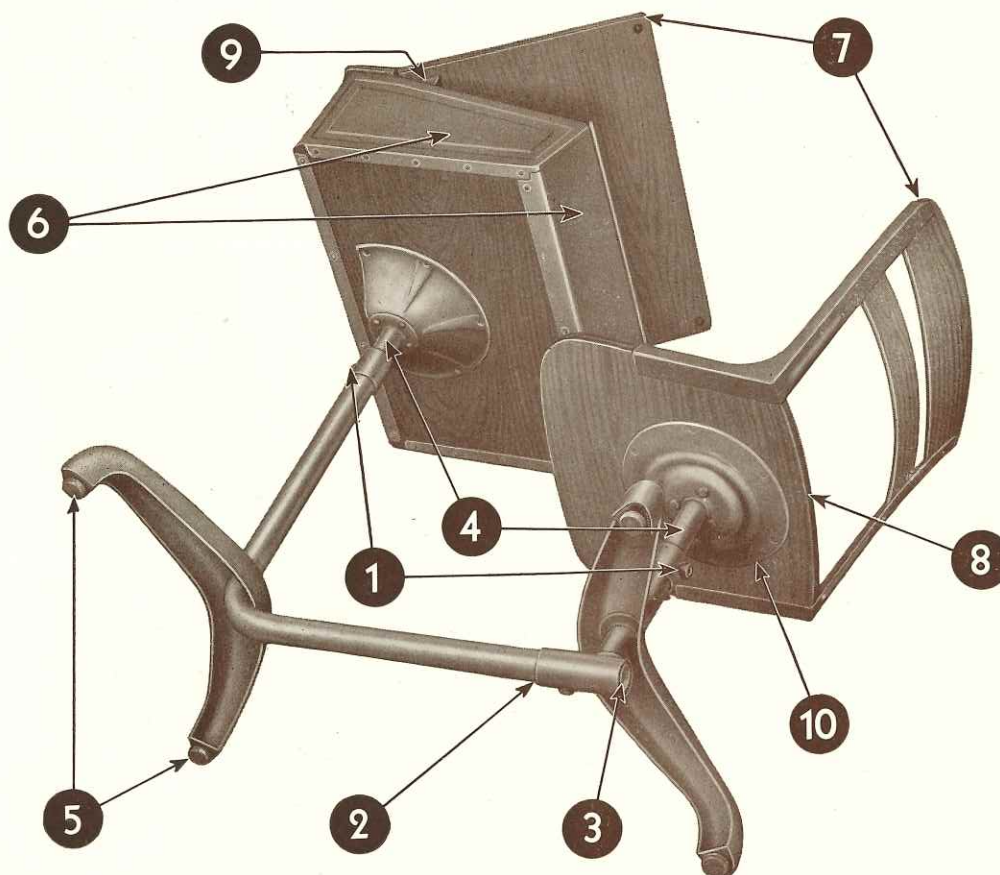
Add .35 for right hand panel.

Write for Quantity Prices

LIBRARY

AUG 13 1951

U S PATENT OFFICE

IRWIN Modern School Furniture

1—Bookbox and chair are independently adjustable for height.

2—Distance between bookbox and chair can be varied through longitudinal adjustment.

3—Self-leveling device insures that all four legs rest solidly on floor—eliminating rocking or vibration.

4—Tapered adjustment posts insure positive slip-proof adjustment.

5—Feet are equipped with rubber cushioned glides.

6—Bookbox frame is made of heavy 18-gauge steel.

7—Top, seat, and back rails of strong plywood.

8—Formed heavy plywood seat for comfort.

9—True five-knuckle hinges with rawhide washers.

10—A six-inch diameter seat swivel is adjustable for tension—gives smooth action—long wear.

No. 254 MOVABLE DESK

IRWIN Modern School Furniture

No. 254 MOVABLE DESK

Attractive in appearance, correct in posture, flexible in arrangement and constructed to render a life-time of satisfactory service. Equipped with sloping type lifting lid bookbox, with lid levelers and inside pencil tray. Formed swivel seat with curved back rails. Bookbox and chair have longitudinal adjustment in addition to height adjustment. Desk has self-leveling device to insure full four-point contact to floor. All exposed wood parts are of strong, durable plywood. Finishes: wood posts natural, metal parts fawn enamel. Other finishes available—write for prices.



TABLE OF SIZES

Size	A Inches	B Inches	C Inches
Desk Top	18 x 24	18 x 24	18 x 24
Height Range of Desk Top	26 $\frac{3}{4}$ –32	23 $\frac{3}{4}$ –29	21 $\frac{3}{4}$ –27
Height Range of Seat	14–18	13–17	11 $\frac{3}{4}$ –15
Floor Space Required	24 x 32	24 x 30	24 x 29
Back to Back recommended spacing.....	35	33	31 $\frac{1}{2}$
Longitudinal Adjustment Range	2	2	2
Weights	59 Lbs.	56 Lbs.	54 Lbs.
Price	\$22.85	\$22.60	\$22.35

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

PEABODY Steel Movable Desk

No. 260

This sturdy movable desk, the standard of quality for years, is now available in the new suntan finish on both wood and steel parts. Solid Northern hard maple is used throughout for desk tops, seats (saddle for proper comfort and posture) and rails. Woods are finished with Celsyn coating. Celsyn is one of the toughest finishes available and resists scratching to a remarkable degree.

Seats and desks may be adjusted independently to comfortable height. The adjusting devices are simple and positive. A special type wrench, that is furnished, prevents adjusting by unauthorized persons. The metal parts are formed of sheet steel and steel tubing, electrically welded and baked in suntan enamel.



Size	Grades	Desk Height	Seat Height	Price	Size	Wts.	Total Length	Seat Width	Seat Depth
A	V-Adult	28 in.-31 in.	15 in.-18 in.	\$22.35	A	59 lbs.	32½ in.	16½ in.	14½ in.
B	II-VI	25 in.-28 in.	13 in.-16 in.	22.05	B	56 lbs.	30 in.	14½ in.	13½ in.
C	I-III	24 in.-27 in.	12 in.-15 in.	21.80	C	54 lbs.	29 in.	12½ in.	12½ in.

Desk tops 18 in. 23 in. Tolerance $\pm \frac{1}{2}$ in.

Write for Quantity Prices

IRWIN Modern School Furniture

PATENT OFFICE

AUG 14 1951

DESIGN DIVISION

No. 210 Table Desk

Irwin Table Desks make classroom units of pleasing design and are strongly constructed to meet all requirements. These table desks are strongly recommended where flexibility in classroom arrangements is required. Available with lifting lid bookbox or open front bookbox. Lifting lid bookbox regularly furnished with inkwell. Open front bookbox furnished with inkwell on special order only. Rubber cushioned glides are regularly furnished on these units. Recommended for use with No. 298 line of chairs.

FINISHES: Wood parts, Natural; metal parts, Fawn enamel.

Other Finishes Available.



		Top Size	Heights
No. 210-A	Lifting Lid Table Desk.....	18 x 26	27 in. or 29 in.
No. 211-A	Open Front Table Desk.....	18 x 26	27 in. or 29 in.
No. 210-B	Lifting Lid Table Desk.....	16 x 24	22 in. or 24½ in.
No. 211-B	Open Front Table Desk.....	16 x 24	22 in. or 24½ in.

Unit Table and Chair Combinations

No. 240 PEABODY CLASSROOM TABLE

An attractive and well-proportioned table with a roomy book compartment, 22¾ in. by 16½ in. x 3½ in., inside measurements. It is unusually rigid and strong for classroom use, having 20-gauge steel sides and back panel with solid hard maple top.

Finish Wood Parts
SUNTAN CELSYN

Finish Metal Parts
SUNTAN BAKED ENAMEL

Top Sizes	Hgts.	Wts.	Price
18 in. x 24 in. with Book Compartment....	22 in.	30 lbs.	\$10.50
	24½ in.	30½ lbs.	10.50
	29 in.	31½ lbs.	10.50



No. 203 PEABODY CLASSIC CHAIR

The Classic automatic form-fitting back brings a new conception of comfort to this type of chair. Rigidly braced, it is a strong, compact unit that withstands constant use. This chair embodies all special construction features and finishes of the Classic line.

DIMENSIONS (BC)

	Seat Hgt.	Price
Size 203-A	17 in.	\$6.55
Size 203-B	15 in.	6.20
Size 203-C	13 in.	5.75

No. 400 MODERN UNIT DESK



Oak constructed with close grain hardwood top. Spacious book compartment with solid wood bottom supported with metal braces. Grooved dowels on all cross rails. Equipped with standard glides.

NOTE: See No. 1400 Chair for corresponding seat heights.

FINISH: SCHOOL BROWN OR NATURAL

	Desk Top.	Desk Hgt.	Shpg. Wgt.	Price
A	18 x 24 inches	29 inches	35 lbs.	\$8.40
B	18 x 24 inches	26 inches	33 lbs.	8.20
C	18 x 24 inches	23 inches	31 lbs.	8.15
D	18 x 24 inches	22 inches	29 lbs.	8.15

Add for Rubber Cushion Glides.....\$0.25

Write for Quantity Prices

FLOWERS UNIT TABLE & CHAIR COMBINATION



No. U-44—These tables have a flat top of $\frac{13}{16}$ in. thickness made of solid oak, tongued and grooved construction or 7 ply $\frac{3}{4}$ in. thick maple or oak plywood. The top can be furnished with or without pencil groove, with or without inkwell (when ordering advise which is desired) and with the edges square, rounded or partially rounded. All four corners, sides and ends of top are slightly rounded. Top size 18 in. x 24 in.

The Tables contain open front book box formed by a $\frac{3}{4}$ in. shelf and $\frac{3}{4}$ in. side and back rails. The box opening is $3\frac{1}{2}$ in. high on the 22 in, 24 in. and 26 in. height tables and 4 in. high on the 28 in. and 30 in. height tables. There are two 2 in. x 2 in. pressed steel corner braces to each leg and underside of the box shelf with flathead countersunk screws. The legs are $1\frac{3}{4}$ in. x $1\frac{3}{4}$ in.

One stretcher $\frac{13}{16}$ in. x 2 in. with top edge rounded is provided between the legs on each side, chucked or double-dowelled and thoroughly glued and secured into the legs at a point 11 in. above the floor. (Measured from the bottom edge of the stretcher). One stretcher of the same size and fastened in the same manner as above, is fastened between the rear legs at a point 13 in. above the floor.

Legs are made from 2 in. squares. Equipped with rubber cushion glides. Finish—Nut Brown or Natural.

Approx. weight 20 Lbs.

PRICE UNIT TABLE.....\$8.75

Add for Inkwell .30

Shipped Completely Setup Ready for Use

*Our FS line chair shown can be furnished in heights 12 in. through 18 in. corresponding with table heights.
Finish—Nut Brown or Natural to match tables.*

Write for Quantity Prices

Tablet Arm Chairs

Peabody Classic

No. 202 TABLET ARM CHAIR

The strength and durability of CLASSIC construction makes this type of chair unusually stable. The tablet-arm has a maximum amount of writing surface. The automatic form-fitting back contributes an extra feature that makes the CLASSIC Tablet-Arm Chair most outstanding.

This chair embodies all the principles of comfort and durability required in the past, but presents them in the CLASSIC style that improves upon all former designs through its streamlining and modern engineering methods.

All Chairs Equipped with Rubber Cushion Glides

Finish wood parts—Suntan Celsyn.

Finish metal parts—Suntan Baked Enamel.

DIMENSIONS (BC)

	Seat Hght.	Wt.	Price
Size 202-A	17 in.	25½ lbs.	\$9.55
Size 202-B	15 in.	22 lbs.	9.10
Add .50 for right hand panel			



Irwin

No. 297-T TABLET ARM CHAIR

A very popular chair that possesses exceptional strength and durability. May be equipped with slatted steel book rack (No. 35), attached to the supporting stretchers between the chair legs. These chairs are generally regarded as being conducive to better study conditions in the classroom.

Table of Sizes: 297-T — 16½ in.

Size of Tablet Arm — 12 x 23 in.

Weight — 25 Lbs.

Price\$8.80

Add for No. 35 Book Rack..... .55

Write for Quantity Prices

Wood Tablet Arm Chairs

FLOWERS

No. TA-19

Material consists of plain oak throughout with a hard maple tablet arm 12 in. wide, 24 in. long. Box rails are 2 in. wide. Tablet arm is securely braced by a special 12-gauge 3-way steel brace at back post and at front post by a cross wood brace, for greater strength and durability. Chair equipped with metal corner braces and rubber cushion glides. Finish—Nut Brown or Natural.

Seat: Height 17 in., width $18\frac{1}{2}$ in., depth $17\frac{1}{2}$ in. Post front $1\frac{3}{4}$ in. x $1\frac{3}{4}$ in. Post back $1-1/16$ in., steam bent.

Weight 25 pounds

Price\$8.75



No. 400 Tablet Arm Chair

Oak or beech Tablet Arm Chair with close grain hardwood arm. Spiral dowel joints—grooved corner block construction. Arms metal braced. Full saddle seat. Side rail—three spiral dowels to back post, steam bent. Equipped with standard glides. Finish—School Brown or Natural.

Size of arm $12\frac{1}{2}$ in. x $23\frac{1}{2}$ in.

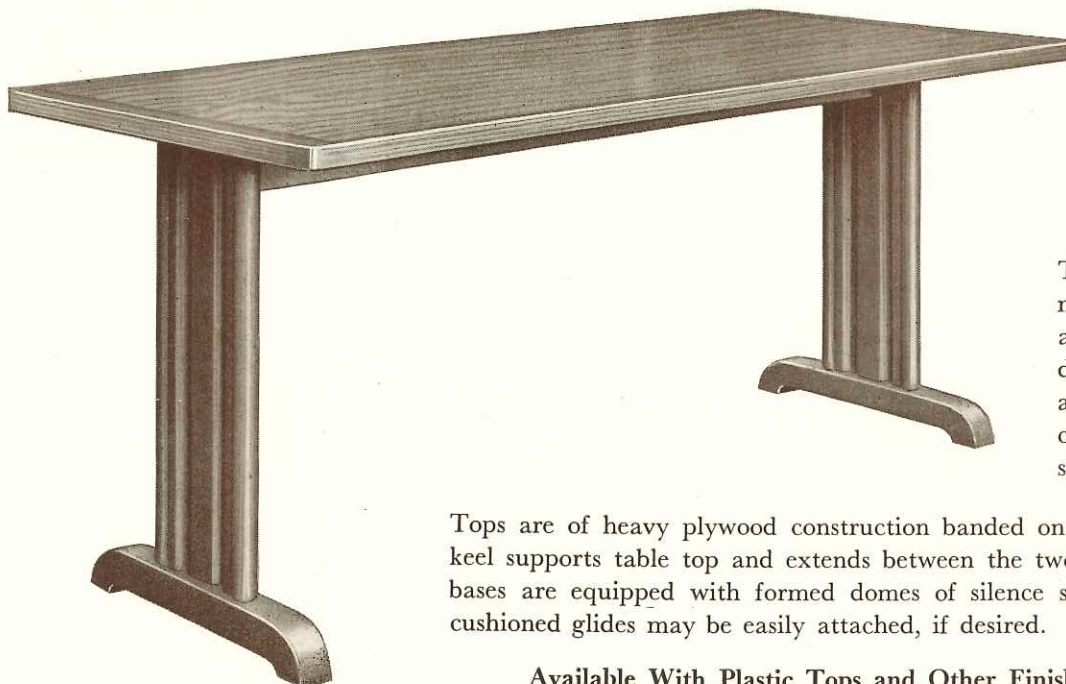
Seat height $17\frac{1}{2}$ in.

Shipping weight 25 pounds.

Price\$7.20

Add for Rubber Cushioned Glides \$0.25

Write for Quantity Prices

IRWIN Modern School Furniture**No. 202 Table**

The sturdy construction and modern design truly makes this an all-purpose table for kindergarten through high school and college, as well as for cafeterias, libraries, Sunday schools, and offices.

Tops are of heavy plywood construction banded on all four sides. Solid lumber keel supports table top and extends between the two all-steel pedestals. Pedestal bases are equipped with formed domes of silence so manufactured that rubber cushioned glides may be easily attached, if desired.

Available With Plastic Tops and Other Finishes. Write for Prices.

TABLE OF SIZES

Heights: 22 in.—24½ in.—27 in.—29 in.

TOPS	PRICES
A— 24 x 48.....	\$24.45
B— 30 x 60.....	36.15
C— 30 x 72.....	39.35
D— 36 x 72.....	42.50

When book compartments are specified, two-compartment unit is furnished for 48 in. table, three compartment for 60 in. and four compartment for 72 in.

No. 202 Table**With Two-Compartment Unit**

An excellent table for two pupil classroom use. Size illustrated is 24 in. x 48 in. x 29 in. high.

Two-Compartment Unit add.....	\$3.20
Three-Compartment Unit add.....	4.30
Four-Compartment Unit add.....	5.45



FINISHES: Wood parts, Natural; metal parts, Fawn Enamel

Write for Quantity Prices

Introducing

THE LATEST IN 3-POCKET PRIMARY TABLE DESIGN

By FLOWERS



FLOWERS B-66 Primary Table

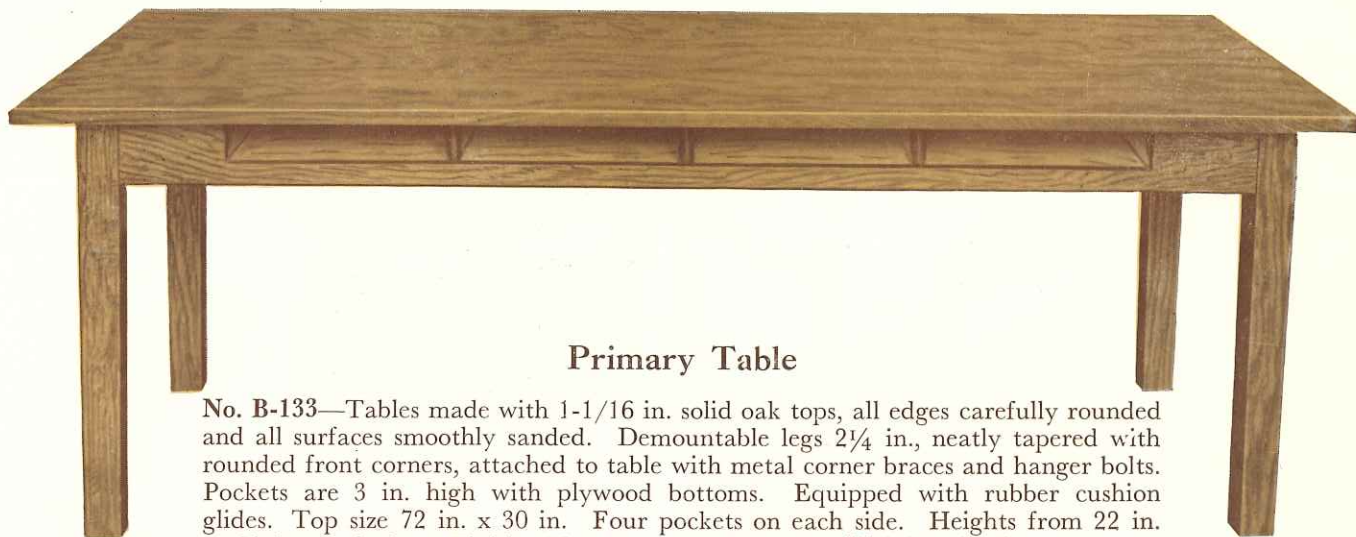
Many years of experience and use have culminated in the new B-66 3-pocket primary table. Based on survey and recommendations of many educators, the B-66 offers additional working and seating space for the individual pupil. We believe the B-66 is the ideal table for your primary class—with more utility and greater value. These new features PLUS Flowers-Built quality equal the primary table for you.

Tables made with 1-1/16 in. solid oak tops, all edges carefully rounded and all surfaces smoothly sanded. Demountable legs 2 1/4 in. neatly tapered with rounded front corners, attached to table with metal corner braces and hanger bolts. Pockets are 3 in. high with plywood bottoms, equipped with rubber cushion glides. Top size 66 in. x 36 in. Three pockets on each side. Heights from 22 in. to 30 in., inclusive. Finish—Nut Brown or Natural.

Price.....\$32.00 each

Approximate Weight 90 lbs.

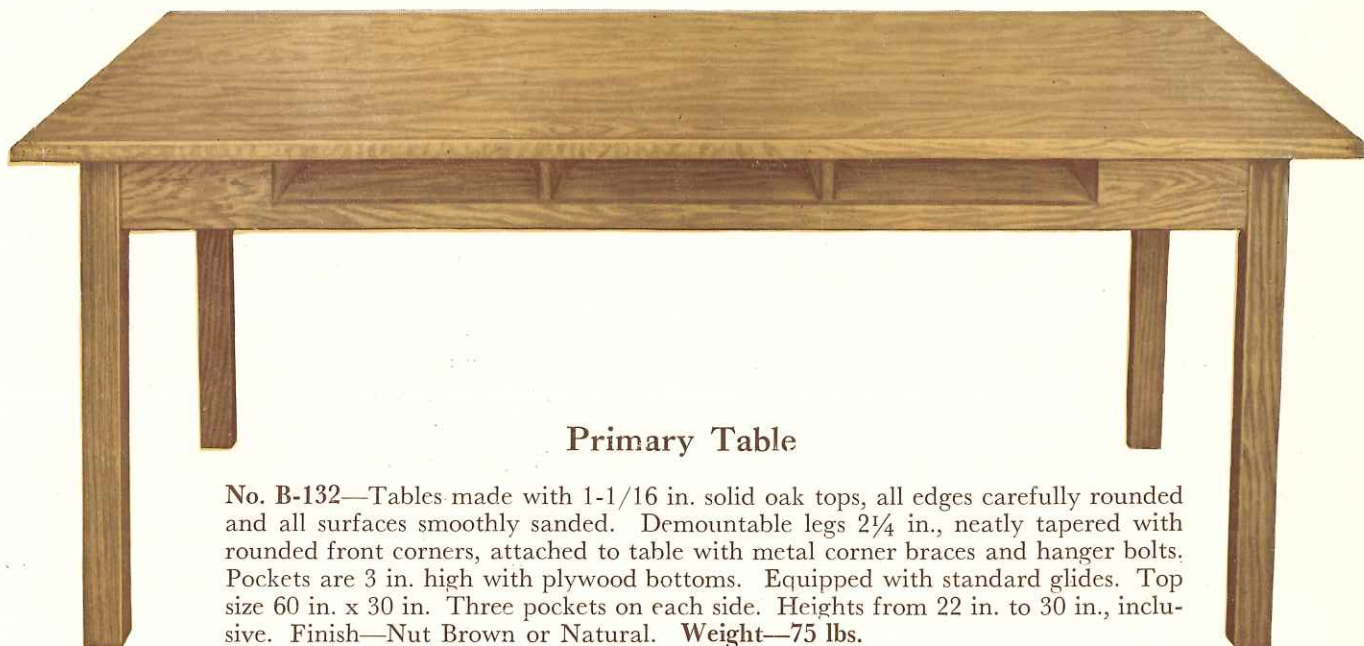
FLOWERS Primary Tables



Primary Table

No. B-133—Tables made with 1-1/16 in. solid oak tops, all edges carefully rounded and all surfaces smoothly sanded. Demountable legs 2 1/4 in., neatly tapered with rounded front corners, attached to table with metal corner braces and hanger bolts. Pockets are 3 in. high with plywood bottoms. Equipped with rubber cushion glides. Top size 72 in. x 30 in. Four pockets on each side. Heights from 22 in. to 30 in., inclusive. Finish—Nut Brown or Natural. Weight—88 lbs.

Price \$28.00 each



Primary Table

No. B-132—Tables made with 1-1/16 in. solid oak tops, all edges carefully rounded and all surfaces smoothly sanded. Demountable legs 2 1/4 in., neatly tapered with rounded front corners, attached to table with metal corner braces and hanger bolts. Pockets are 3 in. high with plywood bottoms. Equipped with standard glides. Top size 60 in. x 30 in. Three pockets on each side. Heights from 22 in. to 30 in., inclusive. Finish—Nut Brown or Natural. Weight—75 lbs.

Price \$26.00 each

FLOWERS Commercial Classroom Typewriter Table



Our FS Line Chairs Are Finished
to Match Tables.

No. T-60 Commercial Classroom Typewriter Table

Made from solid oak or mixed hardwoods throughout with 1-1/16 in. top, 18 in. x 34 in. x 26 in.-30 in. high, with all edges carefully rounded and all surfaces smoothly sanded. Legs made from 2 in. squares, demountable, attached to the table with metal corner braces and hanger bolts. Stretchers on three sides, 3/4 in. thick x 1 1/2 in. wide. Furnished with book box 11 1/2 in. wide x 14 in long x 8 in. deep. Arm rest 9 in. wide x 15 in. long. Equipped with rubber cushion glides. Finish—Nut Brown or Natural.

Price.....\$11.50 each

Approximate Weight 60 lbs.

FLOWERS Utility Tables



UTILITY TABLE

B-32 Table—Top Size 60 in. x 30 in.

B-33 Table—Top Size 72 in. x 30 in.

These tables are made with solid oak finished tops, 1-1/16 in. thick, aprons 4 in. wide, legs 2 1/4 in. square, demountable, attached to the table with metal corner braces and hanger bolts. Equipped with rubber cushion glides. Heights from 22 in. to 30 in., inclusive. Finish—Nut Brown or Natural.

B-32..... Price \$21.00 Weight 75 Lbs.

B-33..... Price \$23.00 Weight 85 Lbs.



T-61

TYPEWRITER TABLE

Made from solid oak or mixed hardwood throughout with 1-1/16 in. tops, 18 in. x 34 in. x 26 in., 28 in. and 30 in. high. Legs made from 2 in. squares, demountable, attached to the table with metal corner braces and hanger bolts. Stretchers 3/4 in. thick, 1 1/2 in. wide. Front rail roundly cut out for leg room. Back and end rails 8 1/2 in. wide. Drawer furnished 11 in. wide, 14 in. long by 4 1/2 in. deep, equipped with lock. Arm rest 9 in. wide x 15 in. long. The table equipped with rubber cushioned glides. Finish—Nut Brown or Natural.

Price.....\$15.00 Ea.

Weight 40 Lbs.

FLOWERS *Agricultural Table*



No. A-70 Agricultural Table

Top size 54 in. x 20 in. x 30 in. high, 1-1/16 in. thick solid oak, all edges carefully rounded and all surfaces smoothly sanded. Two large drawers, 18 in. wide x 15 in. long x 3 in. deep. Demountable legs 2 1/4 in. with rounded front corners, attached to the table with metal corner braces and hanger bolts. Stretchers on three sides, 1 in. thick x 2 in. wide. Equipped with rubber cushion glides. Finish—Nut Brown or Natural.

Price \$18.50 each

Approximate Weight 60 lbs.

FLOWERS Teachers' and Principals' Desks



No. 25 Teacher's Desk

Top size 42 x 28 x 30 in. high, 1-1/16 in. thick, solid oak. Two large drawers equipped with individual locks. Panels are of plywood and neatly framed. Equipped with rubber cushion glides. Finish—Nut Brown or Natural.

Price.....\$26.00 each

Weight 87 pounds



No. 29 Principal's Desk

Top size 54 in. x 28 in. x 30 in. high, 1-1/16 in. thick, solid oak. Center drawer 22½ in. wide x 20½ in. long x 3 in. deep. Center drawer equipped with individual lock which controls locking device of pedestal drawers. Pedestal drawers 10 in. wide x 20½ in. long x 4 in. deep. Arm rests provided. Panels are of plywood and neatly framed. Equipped with rubber cushion glides. Finish—Nut Brown or Natural.

Price.....\$42.00 each

Weight 160 pounds

FLOWERS Teacher's Desk



No. 27 Teacher's Desk

Material consists of oak, free from knots, checks or other defects affecting durability or appearance. Finish is in all respects smooth and even to the touch.

Top size—42 x 28 in.—1-1/16 in. thick, solid oak with corners neatly rounded.

Desk is 30 in. high, including glides.

Desk posts are finished from solid oak squares, 2 in. x 2 in. and finished 1 3/4 in. x 1 3/4 in., with corners neatly rounded. All joints in rails are doweled into posts with two maple spirally grooved dowels in each end thoroughly glued. Drawer dividers are chucked into posts and glued. Desk

panels 1/4 in. 3-ply oak neatly morticed into posts and rails and are solid panels without divider rails.

Desk drawers dovetail construction, flush fitting. Center drawer 22 1/2 in. wide x 20 1/2 in. long x 3 in. deep, equipped with pencil tray.

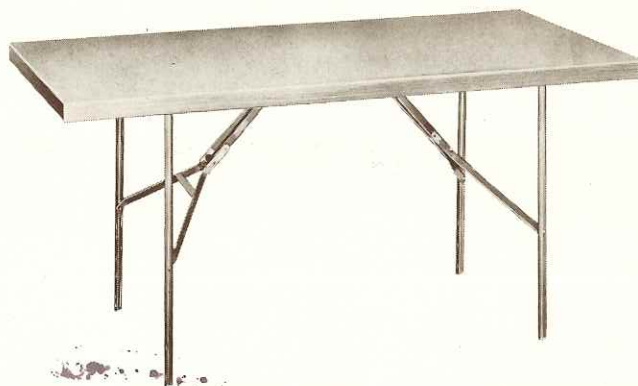
Three pedestal drawers 10 in. wide x 20 1/2 in. long x 4 in. deep. Center drawer and top pedestal drawer equipped with individual lock. Arm rest provided over pedestal drawers. Desk equipped with rubber cushion glides.

Finish—Thoroughly filled with Nut Brown or Natural Filler, one coat of lacquer sealer and two coats of high grade lacquer. Hand sanded before filling and after sealing.

Price\$33.00 each

Weight 116 pounds

Folding Tables



NUMBER	TOP MATERIAL	SIZE	PRICE LESS THAN 12	PRICE 12 OR MORE	SHIPPING WEIGHT PER CARTON OF 2
T-8a	Plywood	30x96	\$27.85	\$26.70	115 lbs.
T-8m	Tempered Midtex	30x96			
T-6a	Plywood	30x72	\$23.00	\$21.95	101 lbs.
T-6m	Tempered Midtex	30x72			
T-5a	Plywood	30x60	\$23.00	\$21.95	95 lbs.
T-5m	Tempered Midtex	30x60			
T-4a	Plywood	30x48	\$21.75	\$20.65	85 lbs.
T-4m	Tempered Midtex	30x48			
T-83a	Plywood	36x96	\$31.85	\$30.75	129 lbs.
T-83m	Tempered Midtex	36x96			
T-63a	Plywood	36x72	\$26.40	\$25.35	112 lbs.
T-63m	Tempered Midtex	36x72			
T-33a	Plywood	36x36	\$20.40	\$19.70	75 lbs.
T-33m	Tempered Midtex	36x36			
R-60	Plywood	60" Round	\$32.20	\$31.25	70 lbs./ctn of 1
B-8a	Plywood	14x96x18	\$20.70	\$19.80	85 lbs.
B-8m	Tempered Midtex	14x96x18 3 Legs			
B-6a	Plywood	14x72x18	\$16.95	\$16.05	60 lbs.
B-6m	Tempered Midtex	14x72x18			

No. additional charge for special heights of 22 in., 24 in. or 26 in.

Adjustable legs on any table from 25 in. to 29 in. Add \$2.70 net per table. Add 75c for individual table cartoning.

MASONITE TOPS

Number	Size	Price	Wt.
M-1072—Top size 30 in. x 72 in....		\$21.45	100 lbs.
M-1096—Top size 30 in. x 96 in....		27.15	115 lbs.

BIRCH TOPS

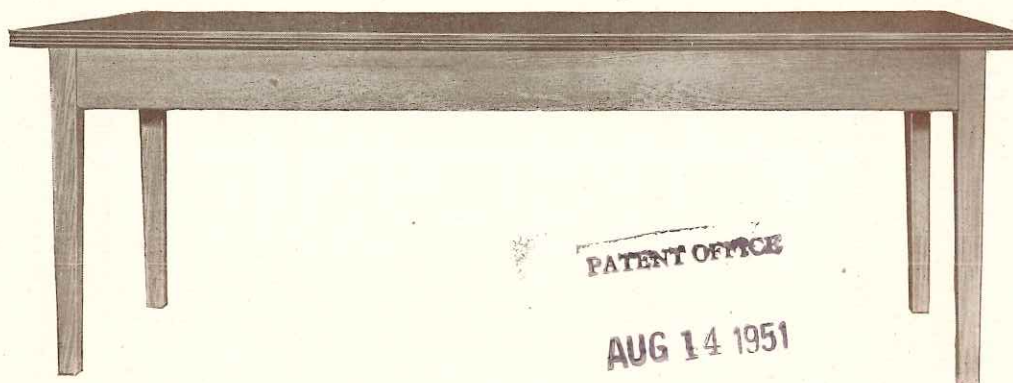
B-1072—Top size 30 in. x 72 in.....	\$30.15	110 lbs.
B-1096—Top size 30 in. x 96 in.....	36.20	125 lbs.

FORMICA TOPS

F-1072—Top size 30 in. x 72 in.....	\$37.55	125 lbs.
F-1096—Top size 30 in. x 96 in.....	43.25	140 lbs.



Plastic Top Cafeteria Tables



PATENT OFFICE

AUG 14 1951

DESIGN DIVISION

GENERAL SPECIFICATIONS

1 1/4 inch tops—1-1/16 inch Formica bonded to 9-ply plywood.

13/16 inch tops—1/16 inch Formica bonded to 7-ply plywood.

All tops metal edged.

Bases are of clear kiln-dried oak, maple or birch —aprons finished to 7/8 x 3 3/4 inches—legs 2 1/4 inches square tapered to 1 3/4 inches.

These prices apply to all Formica patterns except solid colors and Realwood.

No. 2800 TABLE

1 1/4" Thick Top—Metal Edge—29" High

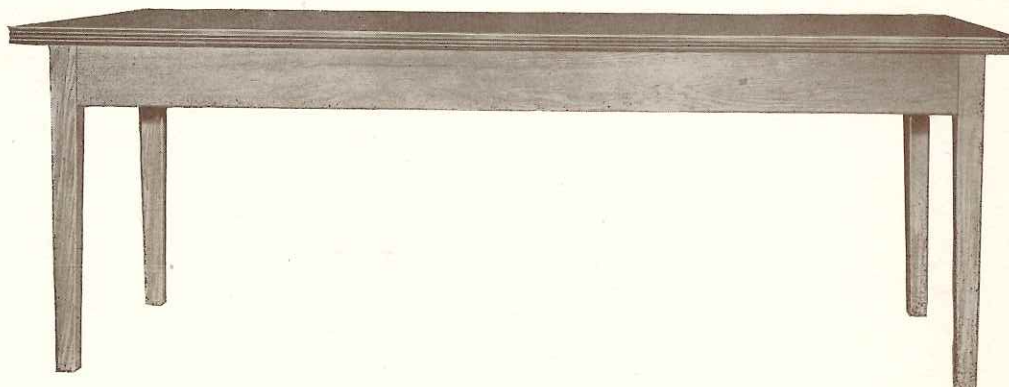
Top Size	1 to 19	20 to 39	40 and up
24 x 24	\$15.75	\$15.50	\$15.30
30 x 30	21.15	20.80	20.40
30 x 48	30.25	29.70	29.15
30 x 60	35.65	35.00	34.20
30 x 72	40.90	40.10	39.30
30 x 84	47.60	46.65	45.70
30 x 96	56.30	55.25	54.15
36 x 36	26.80	26.35	25.80
36 x 60	40.90	40.10	39.30
36 x 72	46.60	45.60	44.60
36 x 84	55.65	54.50	53.35
36 x 96	64.35	63.10	61.65

No. 2800-B TABLE

13/16" Thick Top—Metal Edge—29" High

Top Size	1 to 19	20 to 39	40 and up
24 x 24	\$14.95	\$14.75	\$14.35
30 x 30	19.90	19.60	19.10
30 x 48	28.25	27.70	27.00
30 x 60	33.25	32.60	31.85
30 x 72	38.00	37.20	36.35
30 x 84	44.10	43.15	42.25
30 x 96	52.30	51.20	50.00
36 x 36	25.10	24.60	23.95
36 x 60	37.95	37.15	36.05
36 x 72	43.10	42.15	41.00
36 x 84	52.95	51.90	50.65
36 x 96	59.40	57.90	56.30

Plastic Top Cafeteria Tables



GENERAL SPECIFICATIONS

1 $\frac{1}{4}$ inch tops—1-1/16 inch Formica bonded to 9-ply plywood.

13/16 inch tops—1/16 inch Formica bonded to 7-ply plywood.

All tops metal edged.

Bases are of clear kiln-dried oak, maple or birch —aprons finished to $\frac{7}{8}$ x $3\frac{3}{4}$ inches—legs 2 $\frac{1}{4}$ inches square tapered to 1 $\frac{3}{4}$ inches.

These prices apply to all Formica patterns except solid colors and Realwood.

No. 2800 TABLE

1 $\frac{1}{4}$ " Thick Top—Metal Edge—29" High

Top Size	1 to 19	20 to 39	40 and up
24 x 24	\$15.75	\$15.50	\$15.30
30 x 30	21.15	20.80	20.40
30 x 48	30.25	29.70	29.15
30 x 60	35.65	35.00	34.20
30 x 72	40.90	40.10	39.30
30 x 84	47.60	46.65	45.70
30 x 96	56.30	55.25	54.15
36 x 36	26.80	26.35	25.80
36 x 60	40.90	40.10	39.30
36 x 72	46.60	45.60	44.60
36 x 84	55.65	54.50	53.35
36 x 96	64.35	63.10	61.65

No. 2800-B TABLE

13/16" Thick Top—Metal Edge—29" High

Top Size	1 to 19	20 to 39	40 and up
24 x 24	\$14.95	\$14.75	\$14.35
30 x 30	19.90	19.60	19.10
30 x 48	28.25	27.70	27.00
30 x 60	33.25	32.60	31.85
30 x 72	38.00	37.20	36.35
30 x 84	44.10	43.15	42.25
30 x 96	52.30	51.20	50.00
36 x 36	25.10	24.60	23.95
36 x 60	37.95	37.15	36.05
36 x 72	43.10	42.15	41.00
36 x 84	52.95	51.90	50.65
36 x 96	59.40	57.90	56.30

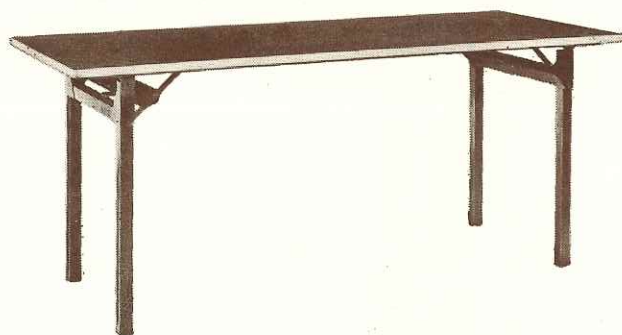
HOWE Folding, Mess, Banquet and Office Tables

FOR HOTELS, CLUBS, SCHOOLS, CHURCHES, HOSPITALS, BANKS, FACTORIES, OFFICES, FRATERNAL ORGANIZATIONS, INSURANCE COMPANIES, UNIVERSITIES, Y.M.C.A.s, Y.W.C.A.s, CATERERS, CAMPS, SKI LODGES, STEAMSHIPS, ETC.

CONSTRUCTION FACTS

Tops—Masonite, Plywood, Masonite on Plywood, Linoleum on Plywood, Plastic.

- A wonderfully strong foolproof lock, with a brace to every leg, and yet one release point for each pair of legs. Locks automatically when opened.
- An aluminum edge around entire top. Aluminum edge is light weight and is securely fastened to the top and can never come loose. All corners are slightly rounded.
- Not one screw or bolt to come loose. Riveted and welded throughout.
- Chassis is manufactured of high grade carbon steel and is riveted to the top, thus insuring a strong, sturdy, rigid and durable unit. Tables are self adjusting on uneven floor.
- Heavy steel supporting side rails with 1½" square tube



steel. Legs with lapped seams, give great strength. Light weight, no breakage, round glider leg caps, absolutely smooth, protect carpets and floors.

- Standard height 30 inches. Lower heights available at slight advance in price.
- Strongest tables made — will sustain weight of 2,000 pounds.

RECTANGULAR

Heights shown are "Standard" 30" or 29". We can supply any lower heights for 15¢ per leg additional. Packed 2 in a carton. Extra charge, 1 in a carton, 6 ft. 60¢, 8 ft. 90¢, except 36" width, 6 ft. 85¢, 8 ft. \$1.50.

No.		Price
15	30" x 72"—30" high—Masonite Top—51 lbs.....	\$21.40
15A	30" x 72"—30" high—Plywood Top—47½ lbs.....	22.25
25A	30" x 96"—30" high—Plywood Top—57 lbs.....	28.55
16A	30" x 48"—30" high—Plywood Top—42 lbs.....	21.95
17	24" x 72"—30" high—Masonite Top—47 lbs.....	21.00
17A	24" x 72"—30" high—Plywood Top—45 lbs.....	22.45
18A	24" x 96"—30" high—Plywood Top—54 lbs.....	27.65
11	36" x 72"—30" high—¾" Plywood Top—60 lbs.....	30.95
12	36" x 96"—30" high—¾" Plywood Top—74 lbs.....	34.00
Prices on 36" x 72" and 36" x 96"—¾" Plywood Tops on request.		

MASONITE ON PLYWOOD

19	30" x 72"—30" high—58 lbs.....	25.20
29	30" x 96"—30" high—72 lbs.....	29.45
16	30" x 48"—30" high—44 lbs.....	23.25
24	24" x 72"—30" high—52 lbs.....	24.89
18	24" x 96"—30" high—64 lbs.....	29.05
20	36" x 72"—30" high—63 lbs.....	35.15
21	36" x 96"—30" high—78 lbs.....	39.15

LINOLEUM ON PLYWOOD — RECTANGULAR

16L	30" x 48"—30" high—Brown, Gray or Green—46 lbs.....	25.15
16L	30" x 48"—30" high—Tan (Marbleized)—46 lbs.....	25.15
19L	30" x 72"—30" high—Brown, Gray or Green—56 lbs.....	29.40
19L	30" x 72"—30" high—Tan (Marbleized)—56 lbs.....	29.40
29L	30" x 96"—30" high—Brown, Gray or Green—68 lbs.....	35.05
29L	30" x 96"—30" high—Tan (Marbleized)—68 lbs.....	35.05

FORMICA PLASTIC TOPS

	Price
30" x 48" x 30"—40 lbs.....	\$33.60
30" x 72" x 30"—50 lbs.....	39.90
30" x 96" x 30"—75 lbs.....	48.80

Two Colors—Tan Linen (20-C-1) and Natural Wood Pattern (28-S-15).

ROUNDS

Extra charge 1 in carton—42", 48", 54" and 60"—\$1.00. 72"—\$1.50		
30	42" Diameter—¾" Plywood Top—58 lbs.....	34.55
14	48" Diameter—¾" Plywood Top—60 lbs.....	34.55
26	54" Diameter—¾" Plywood Top—62 lbs.....	39.20
27	60" Diameter—¾" Plywood Top—68 lbs.....	39.20
28	72" Diameter—¾" Plywood Top—77 lbs.....	58.80

SMALL SIZES

31A	30" x 30" x 29¼" high—¾" Plywood Top—28 lbs.....	19.60
32A	24" x 36" x 29¼" high—¾" Plywood Top—29 lbs.....	19.60
33A	36" x 36" x 29¼" high—¾" Plywood Top—35 lbs.....	19.60
22	30" diameter x 29¼" high—¾" Plywood Top—28 lbs.....	22.50
23	36" diameter x 29¼" high—¾" Plywood Top—35 lbs.....	22.50

We can supply the above sizes with Linoleum Tops at an extra charge.

BENCHES

19BM	12" x 72" x 18"—Masonite on Plywood Top—37 lbs.....	14.45
29BM	12" x 96" x 18"—Masonite on Plywood Top—46 lbs.....	17.05

Prices on Benches with Linoleum Tops on Plywood on request.

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY



IN-THE-WALL

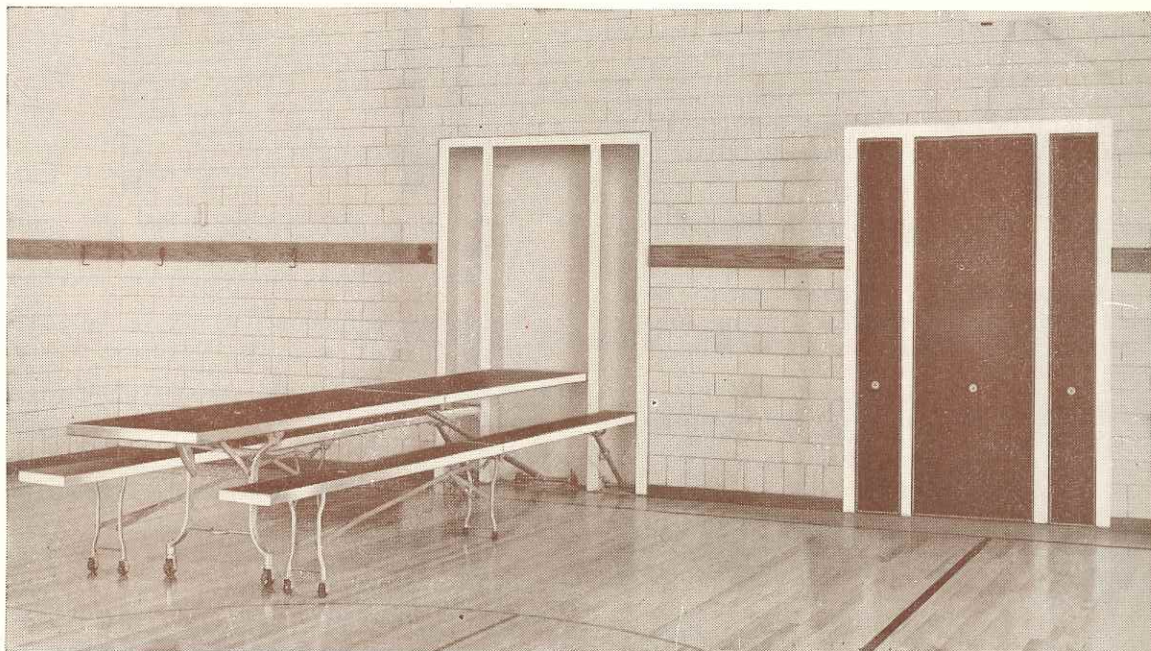
SCHIEBER

Rec'd
8-13-1951*In-wall*

PATENTED

Folding Tables and Benches

EACH UNIT SEATS 20 CHILDREN



PROVIDE LUNCHROOM FACILITIES

IN

*Schools**Churches**Clubs*

Schieber IN-WALL Folding Tables and Benches are for use in any institution where problems of mass feeding and seating exist. An installation of IN-WALL Folding Tables and Benches permits the lunchroom to be used for many other purposes, eliminates special storage room, seats 200 children in one-third less space than conventional tables and chairs and one person can make a room ready to serve 200 children in less than 10 minutes.

IN-THE-WALL INSTALLATION

Schieber "In-the-Wall" units are constructed with lintel and anchors for simple installing into wall during erection of a new room or building. A unit consists of one steel pocket, one 14 ft. folding table, two 14 ft. folding benches and certain operating and locking mechanisms interconnecting the pocket and the tables and benches. When not being used, the table and benches fold into pocket and are locked in an upright position with their outer leaves flush with the face of the pocket. Each unit weighs over 1,000 lbs. and will adequately seat 20 children at one time.



AGAINST-THE-WALL

AGAINST-THE-WALL

Schieber "Against-the-Wall" units are identical to the "In-the-Wall" units, except that the pocket into which they fold is built to be attached to existing walls without additional construction. The "Against-the-Wall" pocket extends only 7 in. from the face of the wall and has well-rounded corners on both the top and sides. Both type units are of all steel construction with tops of $\frac{1}{8}$ in. heavy linoleum scientifically bonded to steel.

Drafting Tables—Drawing Boards

STUDENT TABLE

No. V-1620

SPECIFICATIONS

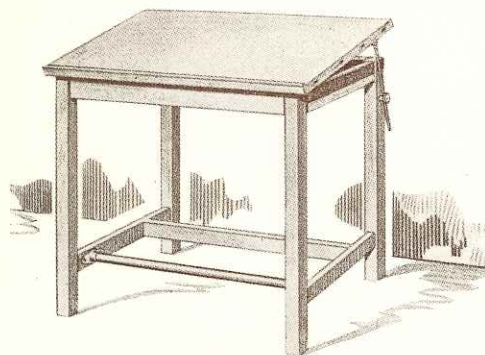
	Length	Width	Height	Depth
Overall	38 in.	28½ in.	40 in.	.....
Knee Space .....	.....	32 in.	36¾ in.	28½ in.

EQUIPMENT: 1 iron pipe foot rail.

This table in Birch construction is attractive in its simplicity of design. It is sturdily and rigidly constructed. Any one or any pair of the interchangeable units shown and described on this page may be installed in either side of the front or at the back of the table to open on either left or right aisle.

Price \$41.00

Weight 125 Lbs.



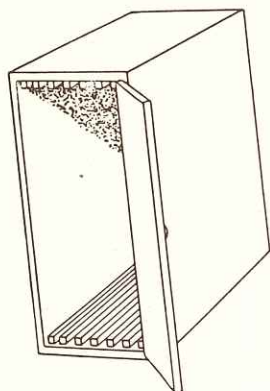
No. V-1620

No. V-1623

No. V-1623 Unit is 12¾ in. x 23¾ in. x 28 in. high overall. It comprises one large compartment with cleats, top and bottom, to store six drawing boards 20 in. x 26 in.

Price \$28.00

Weight 65 Lbs.



No. V-1623

No. V-1621

No. V-1621 Unit is 11¼ in. wide, 22½ in. long and 28 in. high overall. It contains 6 instrument drawers, each 9 in. x 17 in. x 3½ in. high inside. 6 locks keyed differently and masterkeyed. Each drawer complete with number plate.

Price \$39.00

Weight 90 Lbs.



No. V-1621



HAMILTON STEEL-EDGE DRAWING BOARDS

These boards have steel end cleats to insure accurate, smooth, and permanently true edges. The built-in sixteen gauge zinc-plated steel end cleats hold the board square and prevent warping. Made in basswood, with two drawing surfaces (front and back).

BASSWOOD

No.	Size	Weight Each	Price Each
641	12 x 17	3	\$1.32
642	16 x 21	4	1.86
644	18 x 24	6	2.33
647	20 x 26	8	2.76
648	23 x 31	10.8	3.63
649	24 x 36	15	4.37
650	31 x 42	18	6.45

Drawing Tables

STUDENT TABLE No. V-1704

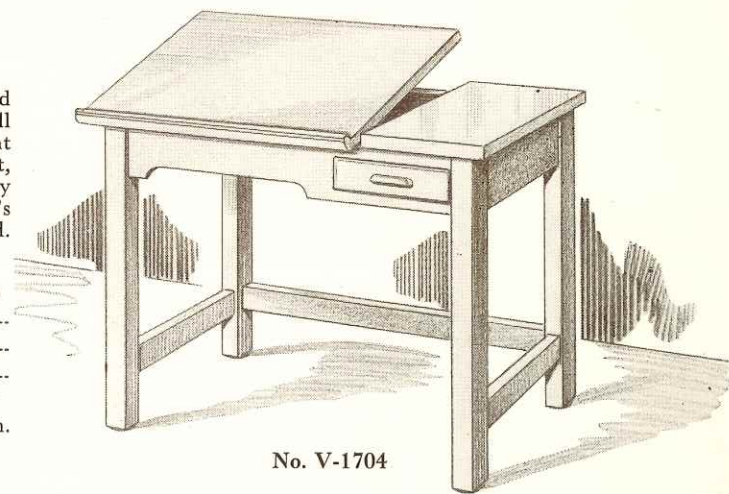
This Hamilton Art Table is truly an achievement of economy and low price. It is constructed entirely of birch, including the full sized top. The tilting top is built with a retaining rim at the front edge for the drawing board. It is bound on the ends with a cleat, tongued and grooved and glued. The fixed top at the right is very convenient for perspectives, water jar, color slab, and other artist's materials. It may be secured to the floor, or left free, as desired.

SPECIFICATIONS:

	Length	Width	Height	Depth
Overall	34 in.	20 in.	30 in.	.....
Tilting Top	24 in.	20 in.	.....	.....
Fixed Top	10 in.	20 in.	.....	.....
Knee Space .....	.....	28 1/4 in.	24 1/4 in.	20 in.
1 Drawer .....	.....	9 in.	2 1/8 in.	14 1/2 in.

EQUIPMENT: 1 Auto-Tilt assembly.

Price \$31.50. Shipping Weight 75 Lbs.



No. V-1704

ECONOMY

A full size professional drawing table at a new low price.

Adjustable in height from 30 1/2 in. to 40 1/2 in.

Adjustable in slope, strong, positive.

Strongly built of thoroughly seasoned hardwood.

Ideal for Studio, Home or Office.

Seasoned Soft Basswood Drawing Board

The top is made of fully seasoned, unfinished, clear grain basswood reinforced with hardwood cleats underneath . . . an ideal drawing surface.

Table No.	Top Size	Shipping Weight	Price
439	24 x 36 in.	31*	\$11.70

*Weights for each table packed 3 to a Carton.



IDEAL

The Hamilton Ideal is one of our largest selling tables, because its quality construction makes it an exceptional value at a moderate price.

Height adjustment 32 in. to 42 in. . . controlled by single large winged hand nut in base. Top may be tilted from horizontal to vertical by adjustment of one hand wheel. Top has adjustable front ledge for use when board is vertical.

Top is of selected soft wood with hardwood cleats underneath. Finished on both sides with top side sanded smooth. Base is oak, in light golden finish. Metal parts are black enameled. Shipped knocked down.

Table No.	Top Size	Shipping Weight	Price
157	24 x 32 in.	60	\$30.00
158	31 x 42 in.	75	38.00
159	36 x 48 in.	100	45.00
159-A	36 x 54 in.	110	47.00
160	36 x 60 in.	115	52.00
160-A	42 x 72 in.	145	63.00
160-B	42 x 84 in.	165	68.00



FLOWERS Wood Chairs



No. FS-18

Seat: Height 18 in.
 Width 17½ in.
 Depth 16 in.
 Post Front 1¾ in. x 1¾ in.
 Post Back 1½ in.
 Approximate Weight 30 lbs.
 Price.....\$5.60

Material consists of selected hard solid oak, free from all defects affecting durability or appearance. Back legs and back slats are steam bent. Chairs equipped with metal corner braces. All legs provided with rubber cushion glides. Finish—Nut Brown or Natural.



No. FS-16

Seat: Height 16 in.
 Width 16½ in.
 Depth 15 in.
 Post Front 1½ in. x 1½ in.
 Post Back 7/8 in.
 Approximate Weight 28 lbs.
 Price.....\$5.20

PATENT OFFICE
 AUG 14 1951
 DESIGN DIVISION

Write for Quantity Prices



No. FS-14

Seat: Height 14 in.
 Width 14½ in.
 Depth 13 in.
 Post Front 1¼ in. x 1¼ in.
 Post Back 1½ in.
 Approximate Weight 21 lbs.
 Price.....\$4.20



No. FS-12

Seat: Height 12 in.
 Width 13½ in.
 Depth 12½ in.
 Post Front 1¼ in. x 1¼ in.
 Post Back 1½ in.
 Approximate Weight 18 lbs.
 Price.....\$4.00

No. 1400 Chairs

All oak or beech constructed chairs with spiral dowel joints; grooved corner block construction. Full saddle seat on all sides. Steam bent back slats and back posts. Equipped with standard glides.

Finish: School Brown or Natural.



A—17 Inches



B—15 Inches

*A Good Chair
in the
Lower Price
Field*



C—13 Inches



D—12 Inches

	Seat Height	Shipping Weight	Price
A	17 inches	17 lbs.	\$5.20
B	15 inches	15 lbs.	4.70
C	13 inches	13 lbs.	3.90
D	12 inches	12 lbs.	3.85

Add for Rubber Cushioned Glides \$0.25

Write for Quantity Prices

Steel Frame Chairs

*For Classroom, Cafeteria, Library
and Other Uses*

No. 298 CHAIR

This line of all-purpose steel frame chairs will outlast a number of ordinary wood chairs. The wood parts are of strong plywood construction attached to the frame by means of rust-proof bolts and rivets. Frames are double-riveted to provide added strength. Equipped with rubber-cushioned glides. Finishes: Wood parts, Natural; metal parts, Fawn Enamel. Other finishes available. Write for prices.

	Seat Height	Price	Weight
298-A	17 in.	\$6.10	13 Lbs.
298-B	15 in.	5.85	12 Lbs.
298-C	13 in.	5.65	11 Lbs.
298-C	11 in.	5.45	



No. 203 CLASSIC CHAIR



The CLASSIC automatic form-fitting back brings a new conception of comfort to this type of chair. Rigidly braced, it is a strong, compact unit that withstands constant use. A chair of symmetry and beauty due to flowing lines and streamlined design proving that comfort, durability and fitness for the job are the secret of good seating. Equipped with rubber cushioned glides. Finishes: Wood parts, Suntan; metal parts, Suntan baked enamel. Other finishes available. Write for prices.

DIMENSIONS

	Seat Hgt.	Price	Weight
Size 203-A	17 in.	\$6.55	13 Lbs.
Size 203-B	15 in.	6.20	12 Lbs.
Size 203-C	13 in.	5.75	11 Lbs.

Write for Quantity Prices

Pedestal-Type Lecture Room Chairs



No. 315 UNIVERSITY

Check These Peabody Features

- ✓ Heavy Cast Metal Pedestal
- ✓ Heavy Bracket Support
Makes Tablet Arm Rigid
- ✓ Malleable Back Braces
Will Not Break
- ✓ Comfortable Saddle Seats
and Form Fitting Backs
- ✓ Finishes: Wood Parts, Sun-
tan; Metal Parts, Suntan
Baked Enamel



No. 310 SENIOR

★
Solid Back for
comfort, 7 ply
wood
¾ inches thick

★
Dimensions
16½ in.
16½ in.
15¾ in.
18¼ in.
11½ in. x 23 in.

SEAT HEIGHT
SEAT WIDTH
SEAT DEPTH
HEIGHT OF BACK
SIZE OF TABLET ARM

Dimensions	Prices	
16½ in.	No. 310	No. 315
16½ in.	\$13.60	\$14.45
15¾ in.		
18¼ in.		
11½ in. x 23 in.	Weight	
	41 Lbs.	47 Lbs.



No. 700 STEEL FRAME CHAIRS

17 in. High
Prices \$5.85

15 in. High
\$5.10

13 in. High
\$4.35

11 in. High
\$4.35

Add \$0.35 for Rubber Cushioned Glides

Wood Natural Finish, With Matching Metal

Write for Quantity Prices

SAMSON Folding Chairs

STRENGTH OF STEEL — PLUS STYLING

Specifications and Features

No. 1600 Chair



Style No.	Color	Frame	Price	Weight
1602	Luggage Brown	Brown	\$3.95 each	Approximately 11 lbs. per chair
1601	Horizon Blue	Gray	\$4.20 each	
1604	Canary Yellow	Gray		
1607	Forest Green	Gray		
1608	Ruby Red	Gray		

Chair Accessories

Coupling clamps, aisle stripping and other accessories available for all types of chairs. Use of these accessories makes Samson chairs versatile for all types of public and group seating.

ELECTRICALLY WELDED, TUBULAR STEEL LEGS AND FRAME

$\frac{7}{8}$ in. smooth welded tubing. Cross braces $\frac{5}{8}$ in. tubing with 3 in. flanges. $\frac{1}{8}$ in. x $\frac{3}{4}$ in. steel reinforcement at back of seat.

EXTRA WIDE, FORM-FITTING SEAT

Seat made of 24 ga. stamped steel, deeply drawn so as to be fully formed.

CONCAVE, FORM-FITTING BACK REST

Steel plate with bottom edge rolled and concaved at center the $2\frac{1}{4}$ in. required for perfect posture and comfort.

CHIP-PROOF ENAMEL FINISH

All parts rust-proofed by Bonderizing Process and dipped in non-chalking, chip-proof outdoor enamel; baked to a brilliant, durable finish.

SAFETY SEAT HINGE

Can't cut children's fingers; noiseless folding action; folds compactly for easy storage.

PERFECT BALANCE

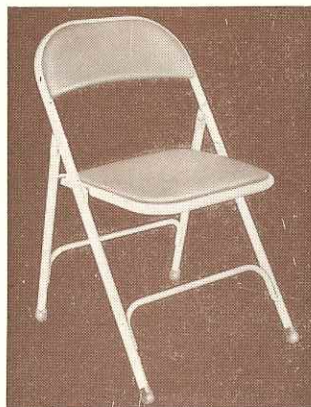
Will not tip when you stand on front edge of seat.

STEEL FURNITURE GLIDES, REPLACEABLE RUBBER FEET

Steel furniture glides on each leg-tip, covered with replaceable, non-marring rubber feet, adjustable to compensate for wear.

Write for Quantity Prices

SAMSON Folding Chairs



No. 6900 CHAIR

← Genuine no-sag springs. Thick pad of clean, buoyant cotton. Upholstered in plastic. Form fitting upholstered backrest covered in plastic.

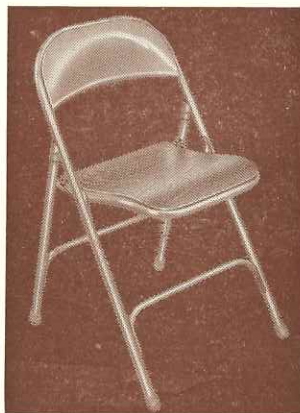
No. 1100 UPHOLSTERED ARM CHAIR

→ Extra large spring cushion seat, form fitting upholstered backrest and wide, tapered arm rests padded with foam rubber and upholstered in plastic.



Style No.	Color	Frame	Price	Weight
6951	Horizon Blue	Gray	\$5.65	Ap- proxi- mately 11 lbs. per chair.
6954	Canary Yellow	Gray		
6957	Forest Green	Gray		
6958	Ruby Red	Gray		
6972	Luggage Brown	Brown		
6973	Sun Tan	Brown	Each	

Style No.	Color	Frame	Price	Weight
1151	Horizon Blue	Gray	\$10.35	Ap- proxi- mately 18 lbs. per chair
1154	Canary Yellow	Gray		
1157	Forest Green	Gray		
1158	Ruby Red	Gray		
1172	Luggage Brown	Brown		
1173	Sun Tan	Brown	Each	

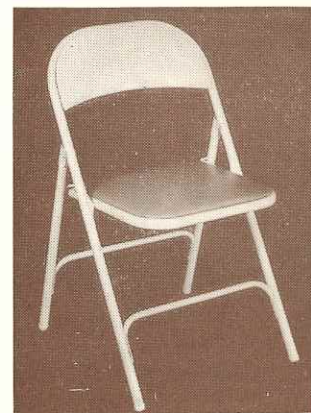


1725 WITH CURVED PLYWOOD SEAT

← (Same specifications as 1600 series, except for specially designed curved plywood seat.)

No. 1700 CHAIR

→ ¼-inch masonite or plywood seat, padded with buoyant cotton, upholstered in plastic.



Style No.	Seat	Frame	Price	Weight
1725	Natural Plywood	Brown	\$4.40 Each	Ap- proxi- mately 11 lbs. per chair

Style No.	Color	Frame	Price	Weight
1754	Canary Yellow	Gray	\$4.40 Each	Ap- proxi- mately 11 lbs. per chair
1757	Forest Green	Gray		
1758	Ruby Red	Gray		
1772	Luggage Brown	Brown		

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

PEABODY Steel Folding Chairs

Rigidly constructed and firmly braced to attain maximum strength, it is built to last. Frame and back legs are oval shaped steel tubing of approximately 1 in. x $\frac{3}{4}$ in. diameters. Stretchers are made from $\frac{3}{8}$ in. cold finished round steel rods shouldered at each end and securely riveted and welded to the frame. The smooth 5 ply ($\frac{7}{16}$ in. thick) plywood seat is curved and form-fitting for maximum comfort. Replaceable rubber shoes are securely attached without bolts or screws and will not come off accidentally or mar the floor.

Price.....\$3.82 each

Weight 15 pounds



No. 33 Folding Chair

Compact ... FOLDS FLAT FOR STORAGE

This famous Peabody chair with its natural and easy folding action requires minimum storage space. Its dimensions when folded are: Length $35\frac{3}{4}$ in., width 18 in., thickness $2\frac{1}{2}$ in. When open the chair is stable and non-tipping. The plywood seat is finished in Suntan "Celsyn."



No. 34 Folding Chair

No. 34 WITH STEEL SEAT

Same sturdy construction as the No. 33 except furnished with comfortably saddled perforated steel seat $15\frac{1}{4}$ in. wide. Finished in oven baked Suntan Enamel.

Price.....\$3.44 each

Weight 15 pounds

Write for Quantity Prices

Steel Folding Chairs



No. 455 Chair

Frame—14 gauge channeled steel, 1½ inches wide, rigidly braced and riveted throughout.

Seat—Extra strength with doubly riveted 14 gauge metal strip on both sides and front of seat frame.

Backrest—The full curve and large area of the backrest gives better support which means greater comfort.

Glides—Metal glides are standard equipment on every chair. Rubber tips furnished for a slight additional cost. Finish—School brown, olive green or sand.

Price.....\$2.68 each



Weight 12 pounds



No. 52 Chair

Identical specifications with No. 51 folding chair with these exceptions: Steel back rest with recessed masonite seat of matching color.

Price.....\$3.25



Weight 12 pounds

No. 51 Chair

Baked on enamel finish—Positive acting seat lock—extra reinforced back legs—four smooth floor contacts—1⅛ in. double beaded channel frame—riveted and spot welded assembly—drawn, 1-piece beaded edged seat—folds in one easy operation—smooth finished edges. Metal floor glides, standard equipment. Rubber tips furnished for a slight additional cost. Finish standard school brown. Form fitting steel back rest and perforated saddle-shaped steel seat.

Price.....\$3.06

Weight 12 pounds



Write for Quantity Prices

LYON Steel Folding Chairs



PLAIN STEEL

Made entirely of steel — practical and economical. Well constructed and attractive in appearance.

Std. Chair	Colors
No. 1500	Walnut
No. 1502	Green
No. 1504	Taupe
No. 1510	Walnut & Green
No. 1512	Walnut & Taupe
No. 1514	Walnut & Taupe

Price	Wt.
\$3.40	14 lbs.

18" DINING TABLE HEIGHT (Not Ganged)

No. 1600	Walnut
No. 1602	Green
No. 1604	Taupe
No. 1610	Walnut & Green
No. 1612	Walnut & Taupe
No. 1614	Green & Taupe

Price	Wt.
\$3.55	14 lbs.

PRESSED WOOD SEATS

Steel Backs

For heavy duty service. The brown pressed wood seat is securely fastened over the regular steel seat. Back is enameled steel. Not available in two-tone color combinations.

Std. Colors	Colors
No. 1540	Walnut
No. 1542	Green
No. 1544	Taupe

Price	Wt.
\$4.15	16 lbs.

18" DINING TABLE HEIGHT (Not Ganged)

Std. Chair	Color
No. 1640	Walnut
No. 1642	Green
No. 1644	Taupe

Price	Wt.
\$4.30	16 lbs.

FEATURES

COMFORTABLE

LONG - LIFE

ROOMY

TWO - HEIGHTS

SAFE

STRONG

NON - SLIP



TABLET ARMS

Converts a folding chair into a practical, comfortable tablet arm chair, satisfactory for a wide number of uses. Brown, 5-ply birch arm is supported by a steel frame finished in walnut baken-on enamel. Tablet arm folds with chair. Can be attached to any current model Lyon chair without bolts or tools.

No. 1590—10" wide, 24" long.

Price	Wt.
\$4.95	9 lbs.



METAL CANE

Made entirely of steel — light in weight. The ultimate in folding chair beauty where no upholstery is used.

Std. Chair	Colors
No. 1520	Walnut
No. 1522	Green
No. 1524	Taupe
No. 1530	Walnut & Green
No. 1532	Walnut & Taupe
No. 1534	Green & Taupe

Price	Wt.
\$3.70	14 lbs.

18" DINING TABLE HEIGHT (Not Ganged)

Std. Chair	Colors
No. 1620	Walnut
No. 1622	Green
No. 1624	Taupe
No. 1630	Walnut & Green
No. 1632	Walnut & Taupe
No. 1634	Green & Taupe

Price	Wt.
\$3.85	14 lbs.

UPHOLSTERED

Seats and Back

Most attractive of all folding chairs. Leatherette upholstery (fawn or maroon) gives beautiful two-tone treatment. Padded seats.

Std. Chair	Colors
No. 1550	Walnut & Fawn
No. 1552	Walnut & Maroon
No. 1554	Green & Fawn
No. 1556	Green & Maroon
No. 1558	Taupe & Fawn
No. 1560	Taupe & Maroon

Price	Wt.
\$5.00	15 lbs.

18" DINING TABLE HEIGHT (Not Ganged)

No. 1650	Walnut & Fawn
No. 1652	Walnut & Maroon
No. 1658	Taupe & Fawn
No. 1660	Taupe & Maroon
No. 1654	Green & Fawn
No. 1656	Green & Maroon

Price	Wt.
\$5.15	15 lbs.

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY



Bentwood Chairs

**No. 111-S7**

Solid Saddle Seat, Size 15½ in. x 16½ in.
 Price \$7.40 Wt. 15 Lbs.

**No. 418-S7**

Solid Saddle Seat, Size 17½ in. x 17¼ in.
 Price \$10.75 Wt. 20 Lbs.

**No. 6418-SU9**

Pad Seat, Size 17 in. x 16¼ in.
 Price \$9.05 Wt. 20 Lbs.

**No. 6090-S7**

Solid Saddle Seat, Size 14¾ in. x 15¾ in.
 Price \$6.80 Wt. 15 Lbs.

**No. 18/2-S4**

Veneer Seat, 16 in. Diameter
 Price \$6.05 Wt. 15 Lbs.

IRWIN Modern School Furniture

THE COMET

A NEW CHAIR BY IRWIN

PATENT OFFICE

AUG 14 1951

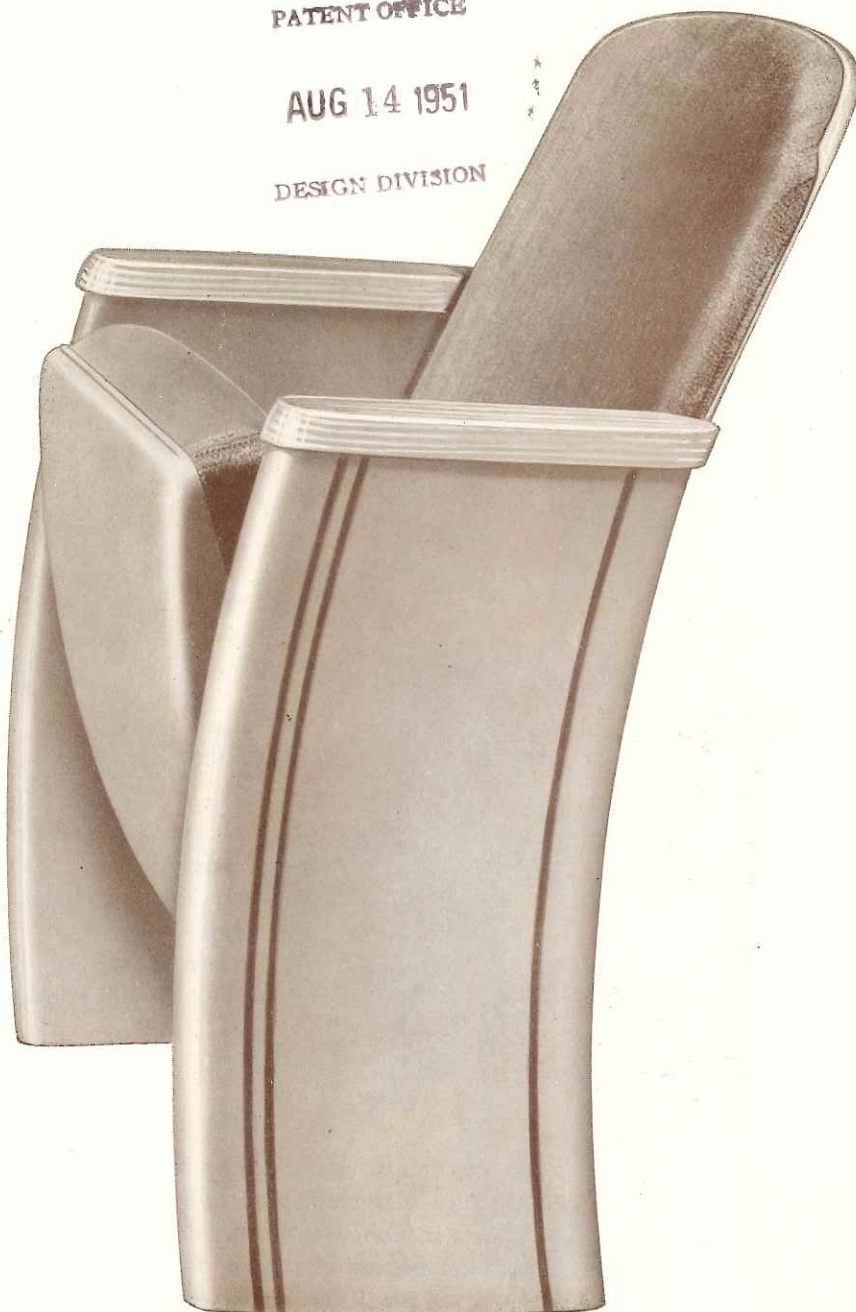
DESIGN DIVISION

*If you want the ultimate in
COMFORT, APPEARANCE,
and QUALITY in FIXED
AUDITORIUM SEATING,
look to . . . IRWIN*

STEEL SEATING COMET

Full upholstered auditorium chairs are now being furnished more and more in high schools and colleges. The new "Comet" chair provides the famous "Neck to Knee" comfort and includes many other outstanding features. Among these are the following:

1. Seat cushions attached to bucket without the use of screws or bolts.
2. Seats upholstered without the use of tacks. Damaged upholstery easily replaced by custodian.
3. Automatic seat-lifting mechanism.
4. Full panel, embossed steel center standards with tubular edges.
5. Full length steel back panel protecting rear of seat.
6. Curled edge on back affords protection to upholstery materials.



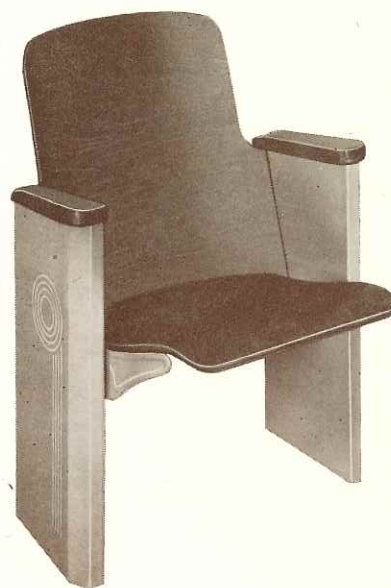
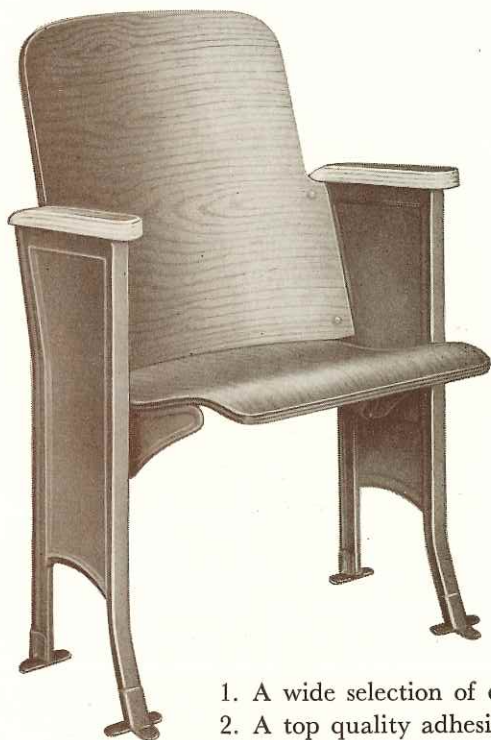
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A wide selection of enamel colors, wood finishes and upholstery material is available.

Write for Quantity Prices

IRWIN Modern School Furniture**STANDARD LINE AUDITORIUM CHAIRS****No. 1141-1 Chair**

A most popular chair of fine quality. Installed in many of the finest school auditoriums and assembly halls throughout the nation. Available with $\frac{7}{8}$ in. or $\frac{3}{4}$ in. plywood backs.

**No. 117 Chair**

A dependable chair offering comfort and durability at a moderate cost. Same basic construction as on all other standard line chairs. Can be furnished with $\frac{7}{8}$ in. or $\frac{3}{4}$ in. plywood backs and $\frac{7}{8}$ in. plywood seats, or spring edge upholstered seats.

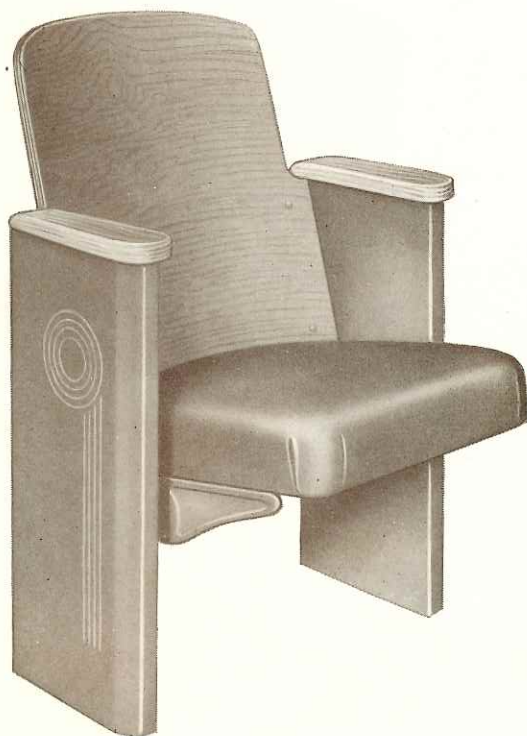
1. A wide selection of enamel colors and wood finishes is available.
2. A top quality adhesive is used to band all plywood parts.
3. Metal parts furnished with durable baked enamel finish.
4. Center standards are of steel and are unbreakable.
5. All hinges are silent and made from high quality steel.

Our seating engineers are available without obligation.

We invite you to use this service.

IRWIN Modern School Furniture

STANDARD LINE AUDITORIUM CHAIRS

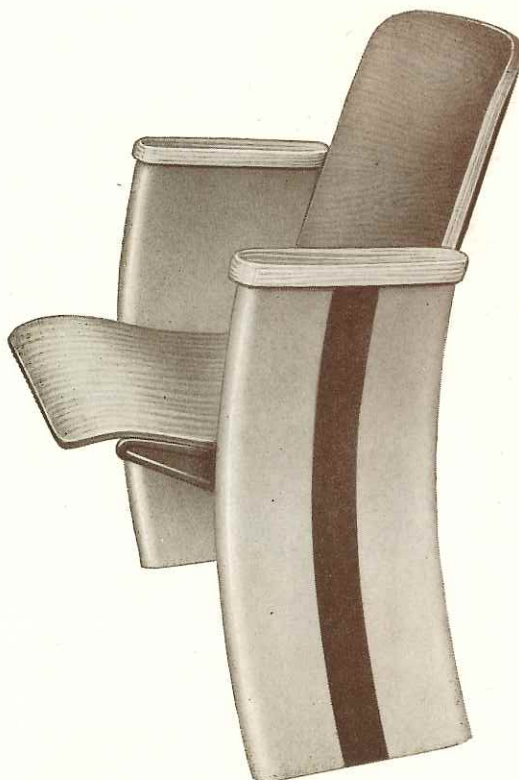


No. 2241-1

A real dependable auditorium seating unit that will harmonize with practically any architectural design. Aisle standards are available in a variety of decorative schemes. Deep curve plywood backs can be furnished either $\frac{7}{16}$ in. or $\frac{3}{4}$ in. thick. Can also be furnished with formed plywood seats. Full-upholstered back can also be furnished on this unit.

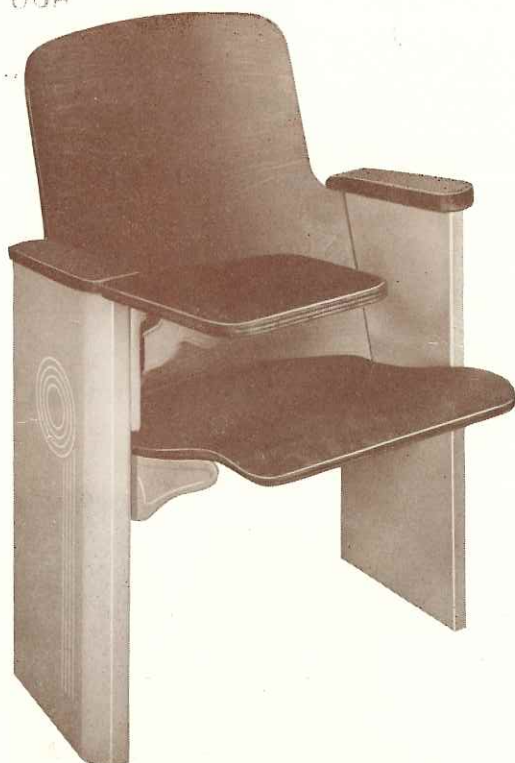
No. 2142-4 Chair

An attractive, streamlined unit of fine quality. Deep curve plywood back and formed plywood seat, together with all steel standards and silent ball bearing hinge, insure an exceptional value in this chair. Can be furnished with $\frac{7}{16}$ in. or $\frac{3}{4}$ in. plywood backs and $\frac{7}{16}$ in. plywood seat or spring edge upholstered seat. Can also be furnished with full upholstered back.



A wide selection of enamel colors, wood finishes and upholstery material is available.

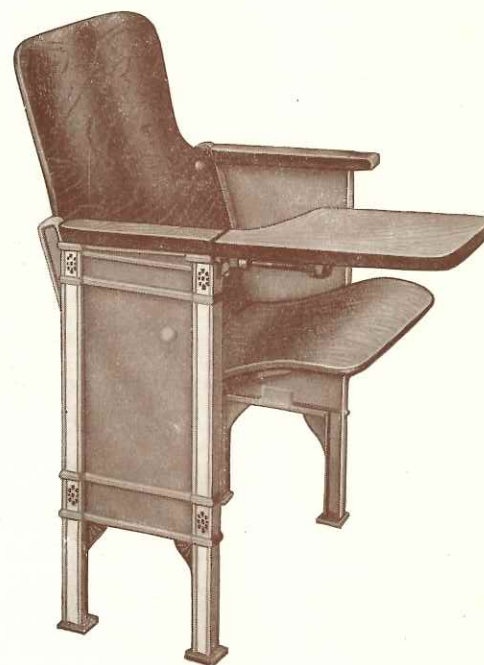
Write for Quantity Prices

Auditorium Chairs with Tablet Arm Attachment**No. 1141-1 TA Chair**

Folding tablet arm attachment can be raised and lowered while chair is occupied. Does not block passage-way when not in use.

**No. 1500 T.A.**

5 PLY 7/16 IN. BACK (Direct) 5 PLY 7/16 IN. SEAT
SOLID WOOD FOLDING TABLET ARM
ALSO AVAILABLE WITHOUT TABLET ARM



A wide selection of enamel colors, wood finishes and upholstery material is available.

Write for Quantity Prices

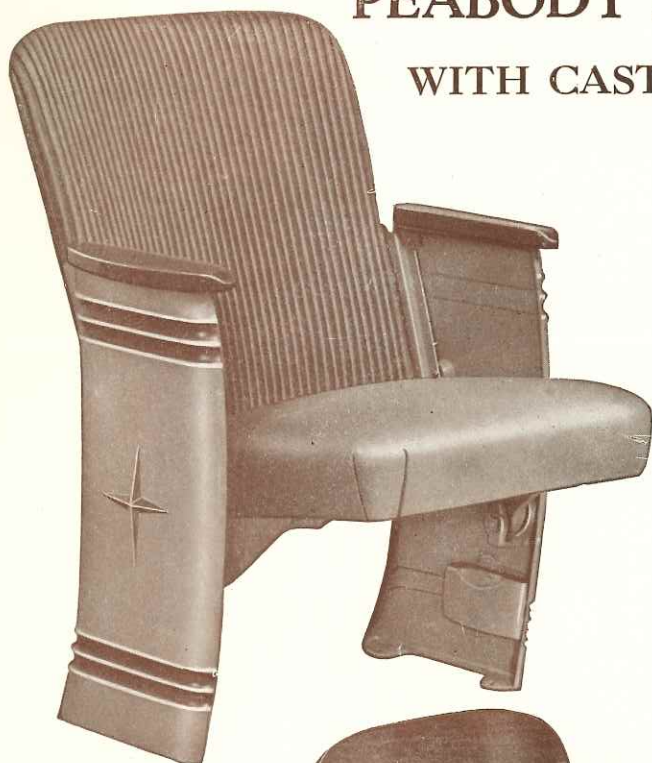
PEABODY Auditorium Chairs

WITH CAST IRON STANDARDS

PATENT OFFICE

AUG 14 1951

DESIGN DIVISION



No. 2020

FULL UPHOLSTERED 6A
PADDED INDIRECT BACK

No. 109

SPRING SEAT—STEEL or PLYWOOD BACK
PANEL AND SEAT BOTTOM



No. 2020

5 Ply—7/16 in. Back
(Indirect)

5 Ply—7/16 in. Seat
No. 2030 is identical except
star is omitted.



No. 850

7 Ply—3/4 in. Back
(Direct Only)

5 Ply—7/16 in. Seat

A wide selection of enamel colors, wood finishes and upholstery material is available.

Write for Quantity Prices

FLOWERS *Portable Assembly Chairs*



No. 251 PORTABLE ASSEMBLY CHAIR
(3 Seat Section)

Seat, made from solid oak slats, is 17 inches high from floor, 16½ inches wide and 15½ inches deep front to back. The hinge is friction noiseless and the metal seat brackets rest on special stops which prevent the bracket edges cutting the stretchers which support them. The seat is shaped to comfort form. The slats are securely held to flush surfaces by steel splines.

Back is serpentine or compound curve in shape and made from solid oak slats ¾ inch in thickness, shouldered and housed into the top and bottom rails with surfaces flush, leaving no ridge or offset to incur discomfort. The back is 18 inches wide center to center of legs.

Legs bandsawed from 1¼ inch thick solid oak stock, 1¾ inch wide at point of greatest stress, edges shaped and corners rounded to avoid splintering in handling. The rear leg fastens to the main leg by a steel chevis yoke.

Finish—Nut Brown or Natural.

	Price	Weight
SINGLE (Not Illustrated)	\$6.95	14 Lbs.
TWO OR THREE SEAT SECTION—Per Seat.....	6.50	

PEABODY *Stadium Chairs*



STADIUM CHAIRS

No. 8-S

HEAVY CAST STANDARDS

NOISELESS ROLLER-BEARING HINGE

3-WIDE SLAT BACK

5-SLAT RODDED FORM-FITTING SEAT

Finish on Woods: Oil, Varnish or 2-Coat Enamel

Finish on Standards: 2-Coat Baked Enamel

No. 9-S Riser Type

HEAVY CAST STANDARDS

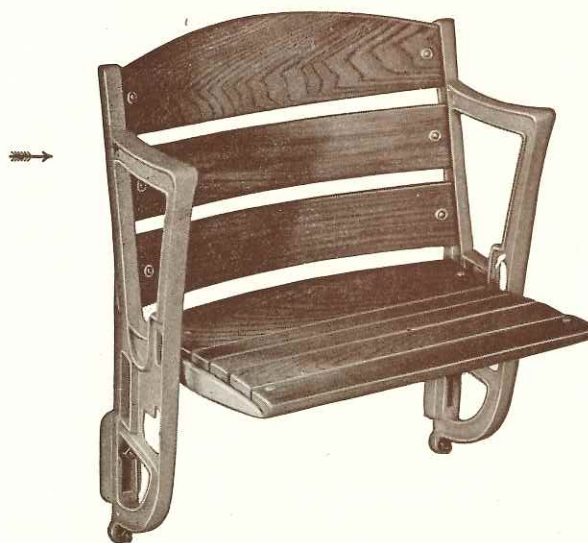
NOISELESS ROLLER-BEARING HINGE

3-WIDE SLAT BACK

5-SLAT RODDED FORM-FITTING SEAT

Finish on Woods: Oil, Varnish or 2-Coat Enamel

Finish on Standards: 2-Coat Baked Enamel



Our seating engineers are available without obligation.

We invite you to use this service.

Write for Quantity Prices

Stools

WOOD



The 1400 series stools made from plain oak throughout. Posts $1\frac{3}{8}$ in. square, tapered to 1 in. Stretchers $\frac{3}{4}$ in. square. Seat $1\frac{1}{4}$ in. thick, 13 in. diameter. Finished school brown.

No. F-18—18 in. high.....\$1.70
 No. F-24—24 in. high..... 2.05
 No. F-30—30 in. high..... 2.35

STEEL



Our best selling stool with steel frame and solid wood seat. Legs $\frac{3}{4}$ in. x $\frac{3}{4}$ in. x $\frac{1}{8}$ in. angle. Ball turned feet as an integral part of the leg. Birch wood seat 14 in. diameter, $1\frac{1}{8}$ in. thick. Seat natural, school brown. Frame, green enamel.

No. 1—18 in. high.....\$2.90
 No. 1—22 in. high..... 3.00
 No. 1—26 in. high..... 3.10

STEEL

No. 251

Seat 14 in. Diameter, Dished
 Hardwood $1\frac{1}{8}$ in. thick. 5 in.
 Adjustment. Foot Rest 17 in.
 below seat when seat is lowered.



No. 251A 26 in. to 31 in. adjustment.....^{Each}\$10.90
 No. 251B 30 in. to 35 in. adjustment..... 11.15
 No. 251C 34 in. to 39 in. adjustment..... 11.50

No. 110-B Stool, same general
 utility stool as No. 1 except with
 extra bracing and with back rest
 6 in. x 12 in.

No. 110-B—18 in. high.....\$4.80
 No. 110-B—24 in. high..... 5.05
 No. 110-B—28 in. high..... 5.15



No. 110-B With Back



No. 35-B With Back

No. 35-B Stool with back. Adjustable in height, and revolving. Solid birch seat 14 in. diameter by $1\frac{1}{8}$ in. thick. Curved wood back rest 6 in. x 14 in. Strongly constructed steel frame.

No. 35-B—Adjustable 18-23 in.....\$10.70
 No. 35-B—Adjustable 22-27 in..... 10.95
 No. 35-B—Adjustable 26-31 in..... 11.15

LYON Metal Stools



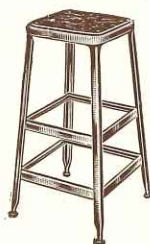
No. 1854

Large, comfortable seat 14" square with rounded corners.
All welded, non-breakable construction.
Round edge steel band — no rough edges to snag or tear clothing.
Strong channel brace uniform distance below seat provides foot rest.
Legs taper out to insure against tipping.
Finish—Lyon Green baked-on enamel.



No. 1715

STOOLS	Height	Steel Seat—No Back				Steel Seat and Back			
		Steel Feet	Rubber Feet	Rubber Feet Steel Glide	Casters	Steel Feet	Rubber Feet	Rubber Feet Steel Glide	Casters
Product No.	18"	1700	1701	1702	1703	1704	1705	1706	1707
Price Each		2.40	2.75	2.85	3.55	3.45	3.80	3.90	4.60
Ship Wgt. Each		9 lbs.	10 lbs.	10 lbs.	10 lbs.	13 lbs.	13 lbs.	13 lbs.	14 lbs.
Product No.	22"	1750	1751	1752	1753	1754	1755	1756	1757
Price Each		2.45	2.80	2.90	3.60	3.50	3.85	3.95	4.65
Ship Wgt. Each		10 lbs.	10 lbs.	10 lbs.	11 lbs.	14 lbs.	14 lbs.	14 lbs.	15 lbs.
Product No.	24"	1800	1801	1802	1803	1804	1805	1806	1807
Price Each		2.50	2.85	2.95	3.65	3.55	3.90	4.00	4.70
Ship Wgt. Each		10 lbs.	11 lbs.	11 lbs.	11 lbs.	14 lbs.	15 lbs.	15 lbs.	15 lbs.
Product No.	26"	1850	1851	1852	1853	1854	1855	1856	1857
Price Each		2.50	2.85	2.95	3.65	3.55	3.90	4.00	4.70
Ship Wgt. Each		11 lbs.	11 lbs.	11 lbs.	12 lbs.	14 lbs.	15 lbs.	15 lbs.	15 lbs.
Product No.	30"	1900	1901	1902	1903	1904	1905	1906	1907
Price Each		3.10	3.45	3.55	4.25	4.15	4.50	4.60	5.30
Ship Wgt. Each		13 lbs.	13 lbs.	13 lbs.	14 lbs.	17 lbs.	17 lbs.	17 lbs.	17 lbs.



No. 1908



No. 1800

Write for Quantity Prices

Stage Furniture

SPEAKER'S STAND

No. 399

Made from selected plain oak. Top 16 in. x 20 in., post 4 in. square, spread at floor—18 in. x 18 in. Height overall at center 42 in. Finish—Nut brown or natural.

Price.....\$21.25

Weight 50 lbs.

SPEAKER'S STAND

No. 7542

Made with finest construction throughout from select oak. Overall top size is 30 in. x 24 in. and extreme height is 45½ in. Bookholder part is 21 in. x 15 in. This stand will provide your platform with an especially attractive piece of equipment.

Finish—Nut brown or natural.

Price.....\$29.50

Weight 100 lbs.

STRAIGHT CHAIRS

No. 2502½

Approximate shipping weight 24 lbs.

Oak, Imitation Walnut or
Mahogany\$26.00

No. 92

Materials—Plain oak or birch. Width of seat 18 in., depth 16½ in. Height of back 18¼ in.

Shipping weight 17 lbs.

Price—Oak\$8.10
Imitation Walnut or
Mahogany 8.55

Weight 17 lbs.



Installed at Anna P. Bolling Junior High School, Petersburg, Va.

Bavinco

Equipment Designed For Homemaking Departments

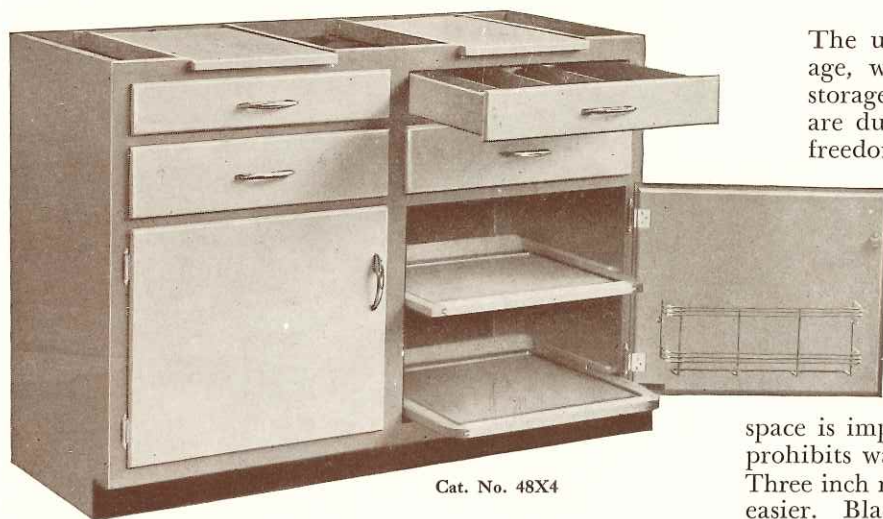


In offering Bavinco Homemaking Equipment, we do so with the realization that their many years of research and study with the Nation's foremost educators, combined with precision construction methods, have earned for Bavinco the position of unchallenged leadership in their field. Bavinco manufactures a complete line of equipment for all types and combinations of Homemaking Departments. Each unit affords maximum flexibility of use to meet the requirements of any curriculum. Authentic, modern home atmosphere is designed and built into each Bavinco installation. Thus you can be sure of approved home surroundings in the classroom for greatest teaching efficiency.

As exclusive representatives for Bavinco, we welcome the opportunity to consult with you on all homemaking equipment matters.

Installed at Anna P. Bolling Junior High School, Petersburg, Va.

Bavinco FOODS EQUIPMENT



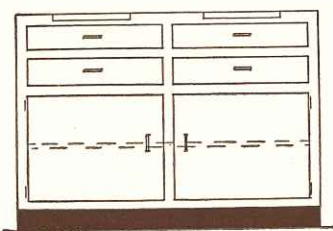
Cat. No. 48X4

BASE CABINETS

Bavinco base cabinets fill the long-recognized need for a completely equipped home-type student work area at each assigned working station. Standard base cabinets are designed with two drawers, two shelves and one cutting board for each student — giving adequate work area and storage space for cutlery, pots, pans and dishes.

TWO STUDENT WORK BASE

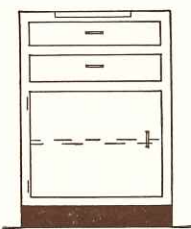
36 in. high (including top) x 23 in. deep. Two complete student working stations.



CAT. NO. 48X4: 48 in. wide
CAT. NO. 42X4: 42 in. wide
CAT. NO. 36X4: 36 in. wide

ONE STUDENT WORK BASE

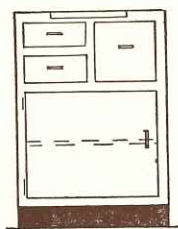
36 in. high (including top) x 23 in. deep. One complete student work station. Door swing optional.



CAT. NO. 30X2: 30 in. wide, 2 Doors
CAT. NO. 24X2: 24 in. wide, 1 Door
CAT. NO. 21X2: 21 in. wide, 1 Door
CAT. NO. 18X2: 18 in. wide, 1 Door

BREAD STORAGE BASE UNIT

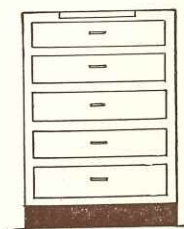
36 in. high (including top) x 23 in. deep. With metal lined bread drawer.



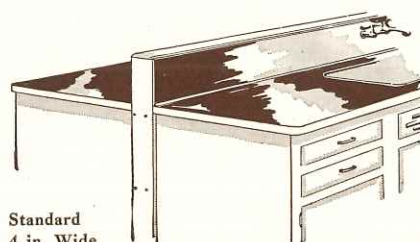
CAT. NO. 30B: 30 in. wide, 2 Doors
CAT. NO. 24B: 24 in. wide, 1 Door

BASE UNIT DRAWER

36 in. high (including top) x 23 in. deep with drawers for cutlery and linen storage.



CAT. NO. 30D: 30 in. wide
CAT. NO. 24D: 24 in. wide



Standard
4 in. Wide
Double Assembly Filler

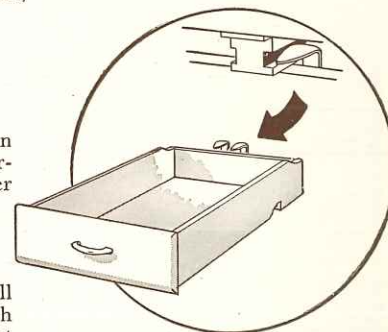
DOUBLE ASSEMBLY FILLER

Double Assembly Fillers are provided in all cases where bases and sink combinations are installed back to back. Allows adequate space for plumbing.

Placing two sinks back to back cuts plumbing costs. Standard width of filler, 4 inches; special widths are available.

SUSPENSION GUIDED DRAWERS

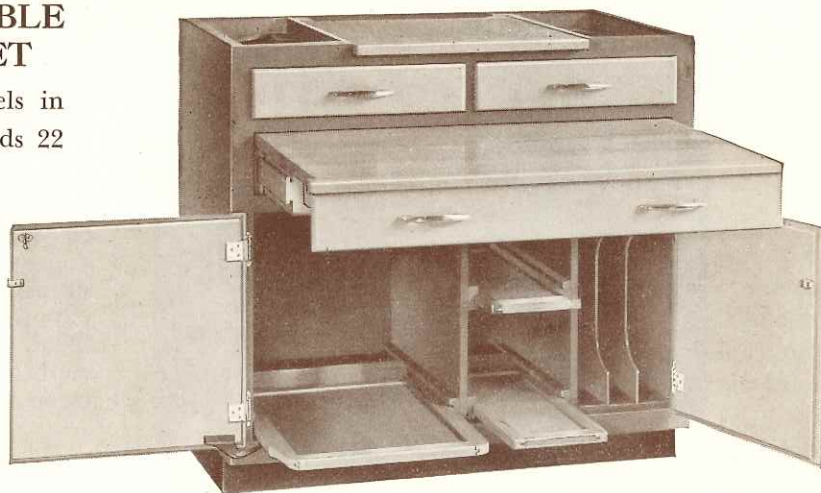
Three point suspension construction allows perfect freedom of drawer operation, guaranteed against sticking and jamming, regardless of weather conditions, heat or dampness. All drawers are provided with drawer tops. Wide front lips make drawers dust-proof when closed.



FOODS EQUIPMENT

COMBINATION PULL OUT TABLE AND BAKING UNIT CABINET

This cabinet provides two different work levels in one unit. The full width pull out table extends 22 inches and is made of 1 inch thick solid maple with clear lacquer finish. Strongly constructed suspension slides give a rigid table-like support when fully extended. Table makes an ideal place for food preparation such as kneading, rolling and mixing . . . may also be used as a service table or desk and solves the problem of where to attach the meat grinder.



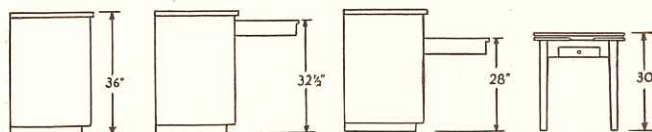
Cat. No. 36PT

Cabinet contains pastry board, one partitioned cutlery drawer, and one storage drawer. Bottom left compartment has an automatic extension shelf for extra large utensil storage. Bottom right compartment in 36 inch size has two pull out shelves for measuring cups, bowls, and a full height, vertically divided section for flat pans and tins of all kinds. 30 inch size same except without two pull out shelves.

Students of all heights are assured correct working posture at proper working level with this combination base unit. Counter top is 36 inches high. Pull out table is 32½ inches high at first level and 28 inches at second level. Unit may be ordered with table in either position but once constructed pull out table and drawers are not inter-changeable.

Four Different Working Heights

By using these units in both working levels and the 30 inch high table—4 different working heights are available.



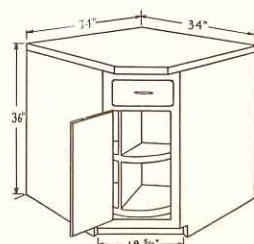
CAT. NO. 36PT: 36 inches wide

CAT. NO. 30PT: 30 inches wide

Both 36 inches high (including top) x 23 inches deep

ROTARY CORNER BASE CABINET

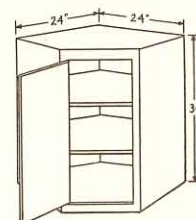
CAT. NO. 34RO The Rotary Corner Base Cabinet solves the difficult corner storage problem. It makes ordinarily hard-to-get-to storage space easily accessible, while at the same time allowing two students to work at adjoining counter spaces without interference. The Rotary Base contains a large revolving shelf arrangement completely surrounded by a cylindrical plywood wall. Rotary shelves are available in two styles: Style A with both shelves divided into 4 equal compartments, see sketch at right, and style B with one half of shelf unit with open compartments and one half with full height vertical partitions for tray storage, see illustration at left.



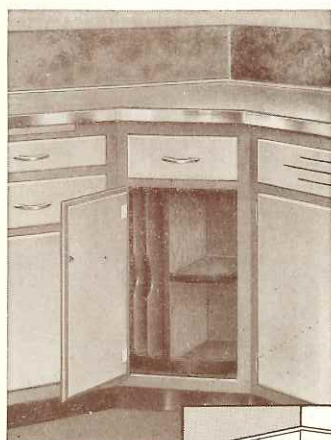
Cat. No. 34RO
with Style A
Rotary Shelf

CORNER WALL CABINET

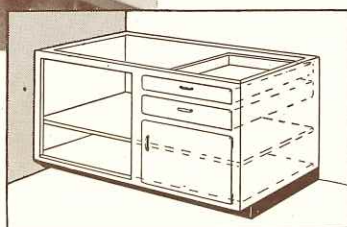
CAT. NO. 24C Designed to fit over rotary or corner base cabinets and join with wall cabinets. Provided with two fixed shelves allowing deep storage space . . . excellent for large platters and dishes.



Cat. No. 24C



Cat. No. 34RO
with Style B
Rotary Shelf



Corner Base Cat. No. 42CL

CORNER BASE UNIT

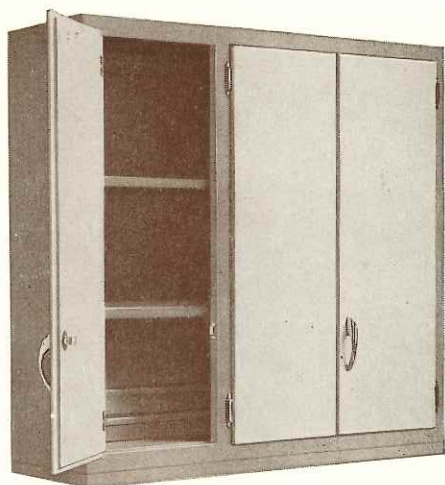
CAT. NO. 42CR (Corner Right)

CAT. NO. 42CL (Corner Left)

42 in. wide x 36 in. high, including top, x 23 in. deep.

The ordinary corner base with entrance to corner storage space through adjoining cabinet door. With one fixed shelf.

Wall Cabinets

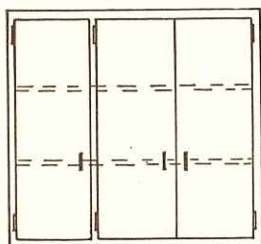


Cat. No. 36-S

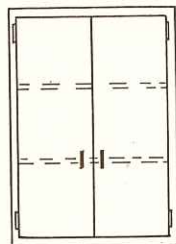
With stepped spice shelf. Half width adjustable cup shelves are also available. Both fit any size cabinet.

"S" SERIES WALL CABINETS

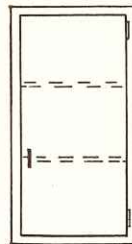
34 inches high x 12 $\frac{3}{4}$ inches deep. For general use above base units. Door swings as indicated unless otherwise specified.



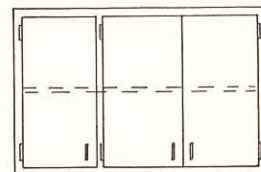
CAT. NO. 48-S: 48 in. wide; 4 Doors
 CAT. NO. 42-S: 42 in. wide; 3 Doors
 CAT. NO. 36-S: 36 in. wide; 3 Doors
 CAT. NO. 34-S: 34 in. wide; 3 Doors



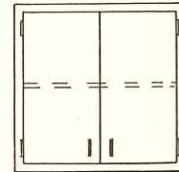
CAT. NO.
 30-S: 30 in. wide
 27-S: 27 in. wide
 24-S: 24 in. wide
 21-S: 21 in. wide



CAT. NO.
 18-S: 18 in. wide



CAT. NO.
 36-H: 36 in. wide
 33-H: 33 in. wide



CAT. NO.
 24-H: 24 in. wide
 21-H: 21 in. wide

"H" SERIES WALL CABINETS

24 inches high x 12 $\frac{3}{4}$ inches deep. For use over ranges, sinks. Door swings as indicated unless otherwise specified.



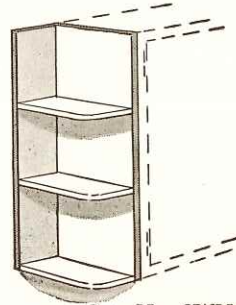
Cat. No. D46G

CHINA STORAGE CABINET

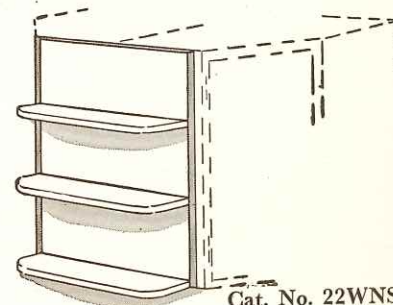
CAT. NO. D46G: 48 inches wide x 46 inches high x 13 inches deep with glass doors. This China and Glassware storage cabinet is designed for use in a unit kitchen where for any reason wall cabinets cannot be installed.

CAT. NO. D54W: Similar to above but designed for apron storage. 48 in. wide x 54 in. high x 18 in. deep with solid-wood doors. Contains hooks or a rod for hangers (see Cat. No. 23RA, for another type of apron storage cabinet).

WHAT-NOT SHELVES



Cat. No. 6WNS



Cat. No. 22WNS

CAT. NO. 6WNS: 6 inches wide x 34 inches high x 12 $\frac{3}{4}$ inches deep. Designed to add a decorative touch at ends of "S" Series wall cabinets and over sinks.

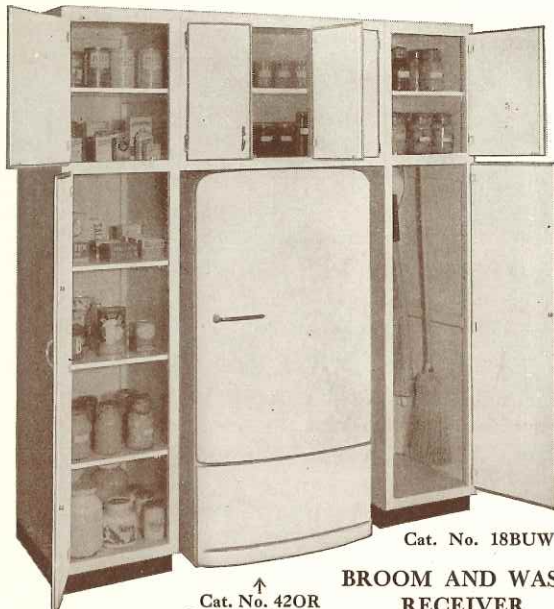
CAT. N. 22WNS: 22 inches wide x 34 inches high x 6 inches deep. Provides attractive open shelving on the facing ends of two adjoining corner cabinets.

Foods Room Accessories

AUG 14 1951

REFRIGERATOR UNIT

Individual Cabinets may be ordered separately



Cat. No. 18BUW

Cat. No. 18SU

↑
Cat. No. 42OR
Over Refrigerator
Cabinet

BROOM AND WASTE RECEIVER STORAGE CABINET

SHELF STORAGE CABINET

84 inches high x 18 inches wide x 23 inches deep with two compartments for storage of food staples and packaged goods. Upper cabinet with one shelf. Lower cabinet with 3 fixed shelves.

Cat. No. 18SUA same as above but lower compartment with 3 adjustable shelves.

84 inches high x 18 inches wide x 23 inches deep with two compartments. Upper cabinet with one shelf for storage of cleaning supplies. Lower cabinet contains deluxe 20 quart capacity waste receiver with leakproof inner pail, recessed foot pedal and quiet closing cover. Also contains supply of 50 waxed bag liners for pail in handy wall dispenser unit to aid custodian in easy removal of waste every night. Wall clips provided for mop and broom storage.

OVER REFRIGERATOR CABINET

Cat. No. 42OR: 24 inches high x 23 inches deep x 42 inches wide

Cat. No. 36OR: 24 inches high x 23 inches deep x 36 inches wide

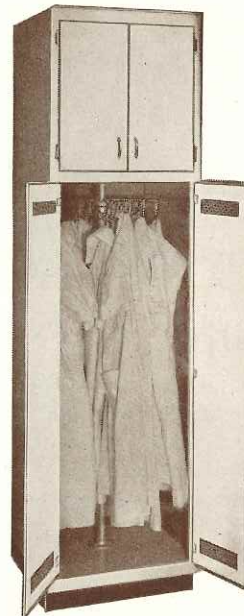
These storage cabinets join shelf storage and broom storage cabinets together into an attractive, convenient refrigerator unit. Cabinet back sets out 3 inches from wall to provide for air circulation above refrigerator. Inside shelf depth 20 inches.



CAT. NO. 40D

TEACHER'S PLANNING DESK

A finely proportioned, wood knee-hole desk. Complete with letter size filing drawer, recipe card filing drawer, cutlery or standard desk drawer, knee-hole desk drawer and writing slide. Finished to match Foods, Living or Clothing Center Equipment. Top of wood or material to match other equipment.



DESIGN DIVISION APRON STORAGE CABINET

CAT. NO. 24RA

84 in. high x 24 in. wide x 23 in. deep

The Bavinco Apron Cabinet provides storage for 48 aprons in a compact space (24 inches wide x 23 inches deep)). The unique rotary feature affords easy access to any apron, even when the cabinet is completely filled.

The upper compartment above the apron storage space contains two fixed storage shelves. Cabinet 24 RA may be added to the refrigerator unit to give an attractive battery arrangement.

REFECTORY TYPE KITCHEN TABLE



Extended

Closed

CAT. NO. 3840

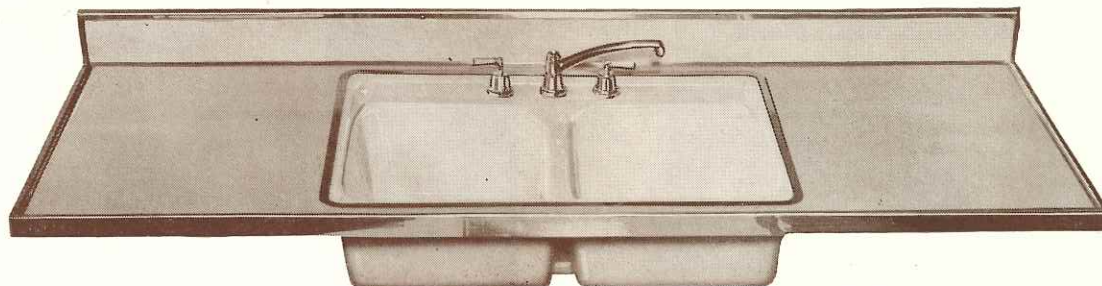
Closed 40 inches x 25 inches, Extended 40 inches x 45 inches; 30 inches high

Designed for food preparation, service and class-work. Sturdily constructed throughout with wood legs and base. Acid-resisting top and leaves of white porcelain with black moulded flanges. Table lightweight and easy to move.

GENERAL UTILITY CHAIR

An extra strong home-type chair finished to match refectory tables and other kitchen equipment. Posture shaped seat and back give correct seating comfort. Truly distinctive, yet always ready for hardest classroom use.

Sink Units



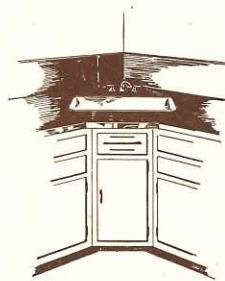
SINK AND CABINET TOPS

Improved construction of finest materials make these distinctive Bavinco Tops first choice in Home Making Departments where good looks must stand up under hard wear. Teachers like them because they are colorful, spotproof and durable. And, they are so easy to clean, —absolutely crevice-free and sanitary. Sinks are sealed with caulking material and joined to top under extreme pressure by permanent locking arrangement . . . absolutely watertight. Deluxe stainless steel trim has raised edge to retain spilled liquids. Trim has extra wide overlap,

countersunk in top, and all joints are soldered to repel liquid, dirt and food particles. Laminated plastic tops are stainproof, scratch and heat resistant . . . not easily charred or blistered, or discolored by food acids or household chemicals. They wear like iron, clean like glass. Plastic colors are lightfast, too, remain fresh and beautiful after many years of normal service. Linoleum tops are less expensive. They are soundproof, stain and heat resistant and exceptionally easy to keep clean and beautiful.



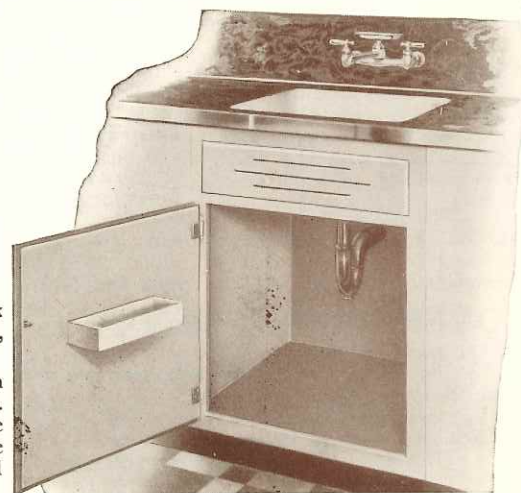
Cat. No. 36SF



CORNER SINK FRONTS

Cat. No. 34CSF: 34 inches x 34 inches (wall measurement), 1 door.

Corner sinks may be installed in "L" or "U"-shaped kitchens. They are very practical where space is limited, making full use of corner and reducing overall length of unit kitchen.



Cat. No. 24SF

SINKS

Sinks are built into tops at factory with stainless steel wells, flush with tops and absolutely watertight. Acid and stainproof porcelain enamel on steel sinks are installed unless otherwise specified. Also available are—porcelain enamel on cast iron, solid vitreous china and stainless steel. Either double or single sink bowls are furnished as required. Faucets are provided with sink units when requested—either back splash type, shown with Cat. No. 24SF above, or deck type, shown with Cat. 36SF above. Both are chrome-plated and have swing spout and soap tray.

SINK FRONTS

CAT. NO. 24SF: 24 inches wide, 1 door, for single bowl sinks
CAT No. 33SF: 33 inches wide, 2 doors, for double bowl sinks
CAT. NO. 36SF: 36 inches wide, 2 doors, for double bowl sinks

Both double and single bowl sink fronts have raised floor and ventilating louvres over doors. One metal soap and utensil tray provided with each sink front, on inside of door. Roomy interior, at door level, provides adequate storage for small waste can, soap powders, dishpan storage, etc. Chrome-plated extension towel racks installed in sink front are optional.

Unit Kitchens

UNIT KITCHEN "U" ("U"-Shape)

"U" shape kitchens are exceedingly efficient and attractive. They most nearly duplicate the average home kitchen and provide an ideal work area for a family group of four students.

UNIT KITCHEN "L" ("L"-Shape)

This popular arrangement makes good use of wall and floor space. Kitchen Unit "L" makes provision for four work stations, rotary corner, sink and space for range. The pull out table, Cat. No. 36 PT, is shown at the 28 inch height, while it is shown at the 32½ inch height in the "U" Kitchen above. It is suggested that one of each height be included in each foods room.

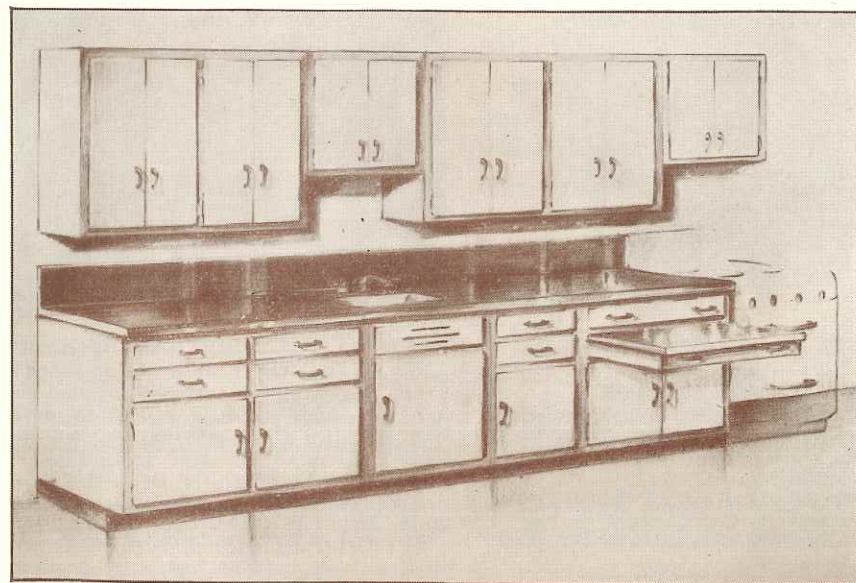
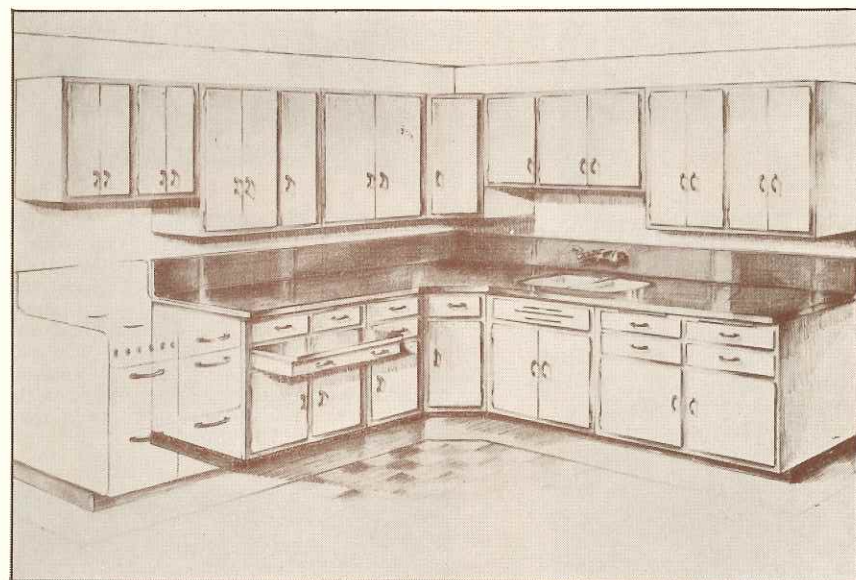
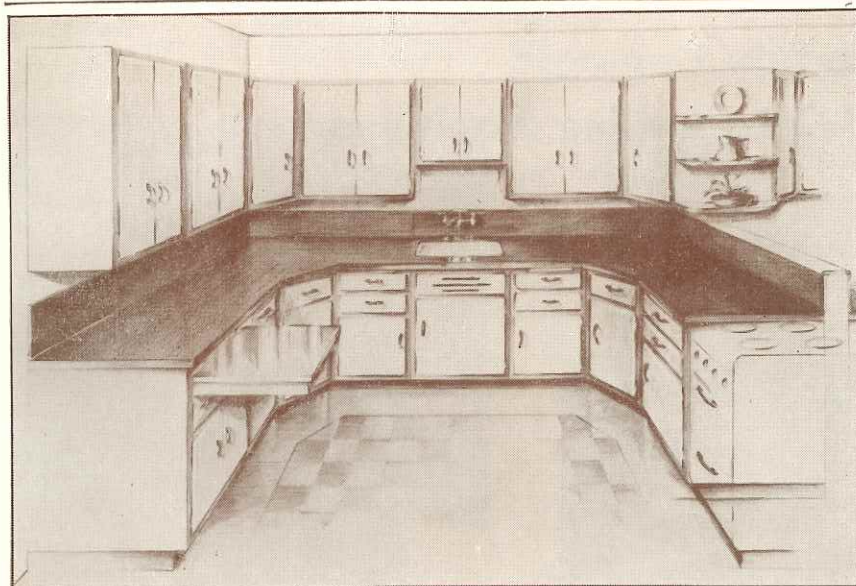
The unit shown at left is for a corner of a room. When installed against one wall in series, wall cabinets over legs extending into room are eliminated and adjoining legs are connected together with double assembly filler.

UNIT KITCHEN "S" (Straight Wall Type)

This arrangement provides four work stations with sink and space for a range in a straight line. Straight type kitchens are not considered as efficient or as attractive as "U" or "L"-shaped kitchens.

ISLAND ARRANGEMENTS

Straight wall type kitchens may be installed back to back to form an "island unit", without wall cabinets.



Bavinco Clothing Equipment

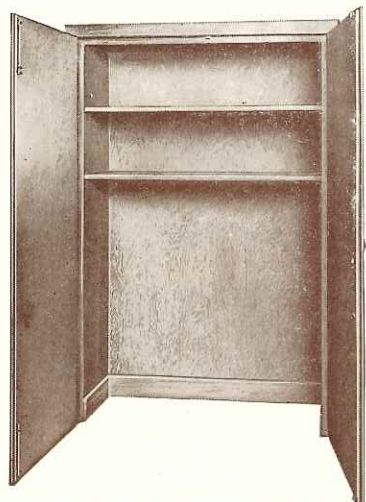
Each Bavinco clothing case has been designed to meet a special need. Particularly important is the Bavinco system of interchangeable drawers and boxes from the case compartments into sewing table compartments which has greatly lessened the usual confusion in handling large clothing classes.

Cases are provided singly or in battery. A durable high gloss velvet stain finish matches all other clothing equipment and furniture in a Bavinco planned room. Standard finishes are: No. 1, School Furniture Brown; No. 2, Light Maple; No. 3, Honey Maple; No. 4, Cape Cod. Special finishes on request.

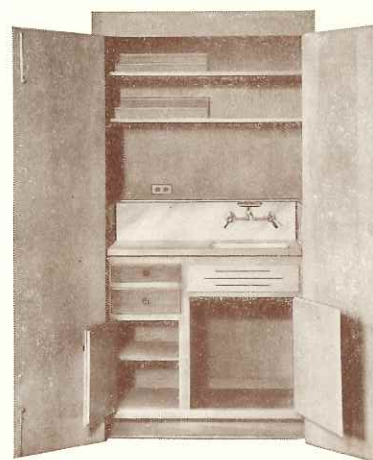


CAT. NO. 2F—INTERCHANGEABLE BOX CASE—Size: Height 81 in. x 24 in. deep, available in 3 widths—24 in. wide (28 boxes); 38 in. wide (42 boxes); or 48 in. wide (56 boxes). Box size: $9\frac{3}{4}$ in. wide x $4\frac{1}{2}$ in. high x 20 in. deep, made of fibre board. Designed to fit 200 series sewing tables.

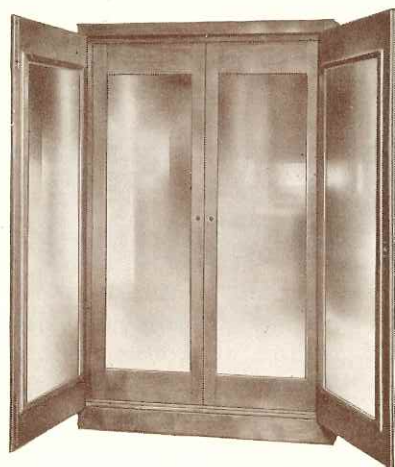
CAT. NO. 2FW—Same as above except with Wood Drawers instead of fibre boxes.



CAT. NO. 6F — ROLLAWAY BED STORAGE CASE—Size: 48 in. wide x 81 in. high x 24 in. deep. One fixed shelf 24 in. from top and one adjustable shelf, each 21 in. deep. Rollaway bed compartment 46 in. wide x 52 in. high x 21 in. deep. May also be used for dress form or sewing machine storage.

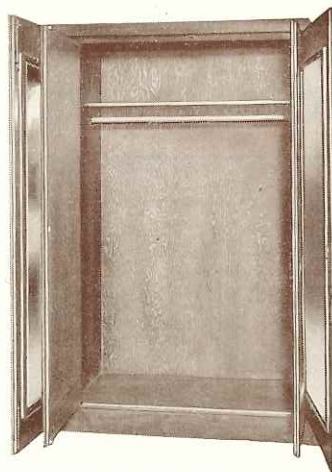


CAT. NO. 7F — DYEING UNIT AND LAVATORY CASE—Size: 48 in. wide x 81 in. high x 24 in. deep. Contains stainless steel counter and sink top with chrome-plated swing spout faucets. Storage cabinet below counter has two drawers and two shelves. Two shelves above sink each with one half width step shelf for small containers of dyeing material, etc. Electric outlet for hotplate. Entire unit enclosed in cabinet with two full height doors.



No. 8F with exterior doors open

CAT. NO. 8F—CLOTHING CASE WITH TRIPPLICATE MIRROR Size: 48 in. wide x 81 in. high x 24 in. deep. Contains one full width x 20 in. deep shelf 12 in. down from top and one full width 1 in. diameter clothes hanger bar. Both exterior doors equipped with 18 in. x 60 in. mirrors on the inside. The front of the interior doors directly behind are equipped with 18 in. x 60 in. mirrors



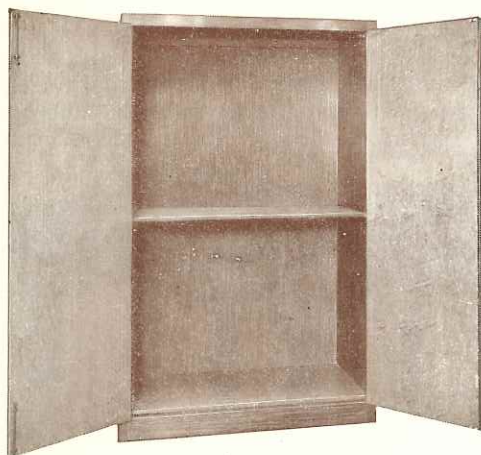
No. 8F with exterior and interior doors open

and form a triplicate mirror arrangement when outer doors are opened. When interior doors are opened they permit access to clothing compartment.
CAT. NO. 5F—GARMENT HANGING AND STORAGE CASE—Same as Cat. No. 8F without inner doors and without mirrors on inside front doors.

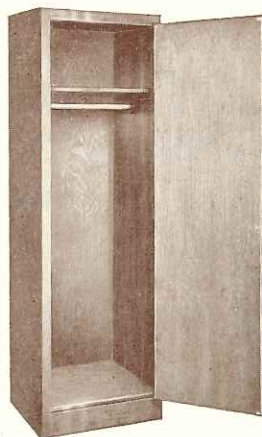


CAT. NO. 9F — GENERAL STORAGE AND FILING CASE—Size: 50 in. wide x 81 in. high x 24 in. deep. Contains one full width x 21 in. deep shelf 12 in. down from top; two trays $21\frac{3}{8}$ in. wide x 8 in. high x 20 in. deep; three trays $43\frac{1}{2}$ in. wide x 9 in. high x 20 in. deep; two letter size file drawers 13 in. wide x 12 in. high x 20 in. deep; one legal size file drawer 16 in. wide x 12 in. high x 20 in. deep; one drawer $43\frac{1}{2}$ in. wide x 10 in. high x 20 in. deep.

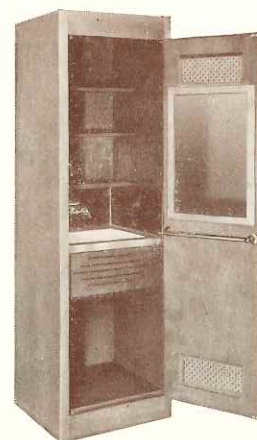
Storage Cabinets



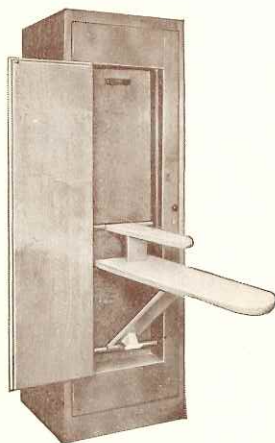
CAT. NO. 11F—EQUIPMENT STORAGE CASE—Size: 48 in. wide x 81 in. high x 24 in. deep. Contains one, two or five fixed full width x 21 in. deep shelves or five full width x 21 in. deep adjustable shelves. Desired position of fixed shelves should be specified. For folding tables and chairs, linens, blankets, etc.



CAT. NO. 12F—LOCKER CASE—Size: 24 in. wide x 81 in. high x 24 in. deep. Contains one full width x 21 in. deep shelf 12 in. down from top and one full width 1 in. diameter clothes hanger bar. Interior sides fitted with one garment hook. Door swing optional. Also available with adjustable shelves for general storage.



CAT. NO. 15F—LAVATORY AND STORAGE CASE—Size: 24 in. wide x 81 in. high x 24 in. deep. Contains linoleum sink top with 16 in. x 18 in. porcelain enamel steel sink bowl and chrome-plated swing spout faucet. Three half depth shelves above for general storage with additional storage space below sink. Inside of door has large plate glass framed mirror and chrome-plated towel bar for hanging towel while lavatory is in use. Ventilating louvers at top and bottom of door.



CAT. NO. 14F with Ironing Board down

Size: 24 in. wide x 81 in. high x 24 in. deep. Contains three adjustable shelves and one fixed shelf. The compartment in the door contains a folding ironing board and sleeve board as illustrated above at left.



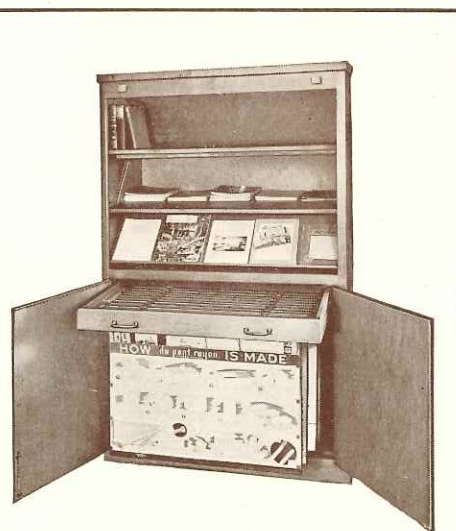
CAT. NO. 14F with Ironing Board folded and storage compartment open

The door containing the ironing board compartment opens allowing access to the storage space behind as illustrated above at right.

ADDITIONAL INFORMATION

Each case is equipped with a lock master keyed with all other cases in same room. 16 inch x 60 inch mirrors on inside of doors are optional on 3F, 4F, 5F, 11F and 12F. When end of case is exposed a finished end must be ordered.

When cases are installed in battery of two or more, a continuous top and base moulding is furnished. All batteries of cases or single cases are set up on a level plane at the factory and doors are hung and fitted to operate smoothly.



CAT. NO. 42F—CHART STORAGE MAGAZINE AND BOOK CASE

Size: 48 inches wide x 81 inches high x 24 inches deep. Chart storage compartment at bottom features open bottom drawer containing 12 suspended cork inlay crossrails each with 2 sliding clip hooks. Charts may be hung from hooks or fastened to cork inlay. Each crossrail may be lifted out and suspended from special holders on top of case for class use. Upper part of case has top shelf for book storage and 2 sloping magazine shelves which slide up and back revealing magazine storage space behind.

CAT NO. 23
August 13, 1951

Sewing Tables

Bavinco Sewing Tables are made of selected hardwoods, colored and finished to perfectly match other Bavinco equipment and furniture. Sturdy construction by skilled craftsmen assures many years of dependable school service. Joints are mortised and tenoned, glued, screwed

and wedged together for extra long life. All tables are 30 inches high with linoleum tops and drop leaves or with wood tops and drop leaves in standard or clear lacquer finishes. Shipment from factory is made "knocked down". Typical Bavinco tables are illustrated below.



CAT. NO. 216

With Drop Leaves down



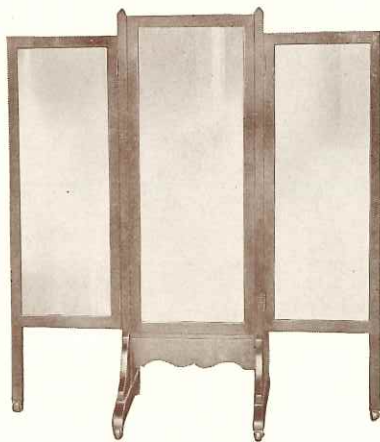
CAT. NO. 216

With Drop Leaves extended

SPECIFICATIONS

	200 SERIES	TOP SIZE	DROP LEAVES	COMPARTMENTS
CAT...NO.	204	30 in. x 48 in.	NONE	2 compartments, each side
CAT...NO.	205	30 in. x 60 in.	NONE	2 compartments, each side
CAT...NO.	210	30 in. x 48 in.	1 — 15 in. x 30 in.	2 compartments, each side
CAT...NO.	211	30 in. x 60 in.	1 — 15 in. x 30 in.	2 compartments, each side
CAT...NO.	216	30 in. x 48 in.	2 — 15 in. x 30 in.	2 compartments, each side
CAT...NO.	217	30 in. x 60 in.	2 — 15 in. x 30 in.	2 compartments, each side
CAT...NO.	218	36 in. x 72 in.	NONE	3 compartments, each side

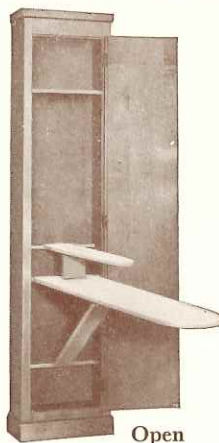
Clothing Room Accessories



CAT. NO. 10

Cat. No. 10—TRIPPLICATE PORTABLE MIRROR—Size: Overall, open, 65 in. wide x 72 in. high. Stationery center mirror 20 in. x 54 in. and two hinged wings with 16 in. x 50 in. mirrors.

Cat. No. 20—TRIPPLICATE PORTABLE MIRROR—Same as above except with pivoted center glass.



Open

CAT. NO. 13F

Size: 16 in. wide x 81 in. high x 7 in. deep. Equipped with full size solid wood ironing board and sleeve board which fold into case when closed. Door swing is optional. Specify either right or left.



Closed



FITTING STANDS

Size: 18 inches square x 12 inches high with all exposed corners rounded.

Cat. No. 60W with matching wood top.
Cat. No. 60L with linoleum top.

Mirrors and Fitting Stands



No. F1208

FITTING STAND

Size 18 in. x 18 in. x 12 in., top 1 1/4 in. thickness. Neat oval edge and well sanded corners, smooth to touch. Shipping weight 26 pounds.

Price \$4.60

No. F1201

PORTABLE TILTING MIRROR STAND

(Not Illustrated)

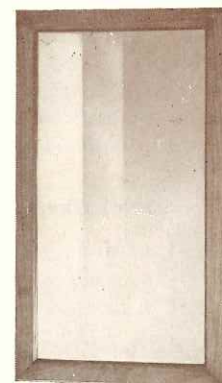
Complete with casters. Overall size 28 in. x 68 in. One center mirror framed 24 in. x 54 in. Shipping weight 188 pounds.

Price \$39.90

CONSTRUCTION

Select hardwood cabinet in walnut or mahogany finishes. The mirrors are 1/4 in. triple silvered heavy French plate, accurately assembled into frame with dust-proof backing. The mirrors are attached to stand by three heavy duty hinges.

All mirrors shown on this page in various sizes are of same construction and quality.

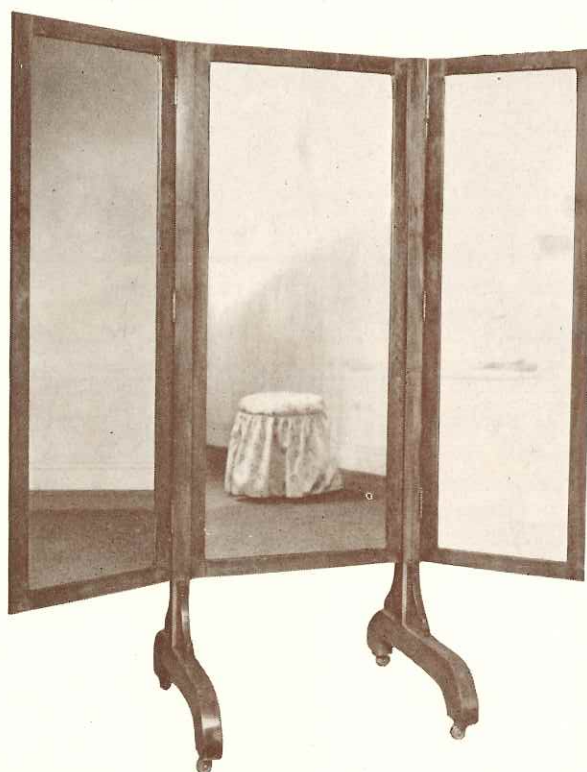


No. F1204

WALL MIRROR

Framed overall size 22 in. x 30 in. Shipping weight 25 pounds.

Price \$11.70



No. F1200

TRIPLICATE MIRROR

Complete with casters. Overall size 62 in. x 68 in. Center mirror framed 24 in. x 54 in., two side mirrors framed 18 in. x 54 in. Shipping weight 230 pounds.

Price \$59.65

No. F1203

WALL MIRROR

(Not Illustrated)

Framed overall size 23 in. x 54 in. Shipping weight 36 pounds.

Price \$14.10

Bavinco Planning Service

Bavinco planning service has been set up to help schools and universities work out the most satisfactory solution to their individual equipment needs. Where sketches giving details of room characteristics are provided, Bavinco will furnish complete drawings showing recommended equipment and location. As past experience has shown that some time is usually required to prepare drawings

and submit them, and go through the necessary steps in placing school orders, it is important to remember that planning should start well in advance of the desired installation date. Bavinco Planning Service is available to all schools and colleges without cost. Just sent a rough pencil sketch with the following information:

1. Size of room or rooms.
2. Location and size of each door and window, including casing. (Please mention if any door or window can be moved or eliminated.)
3. Distance from floor to bottom of window sills.

Indicate location and sizes of:

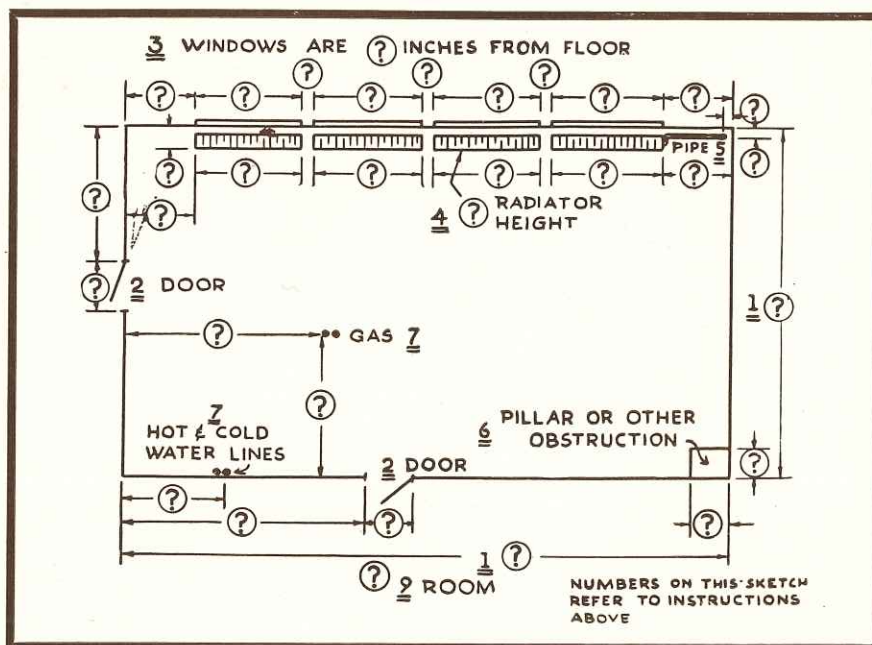
4. Radiators or hot or cold air ventilators.
5. Pipes.
6. Pillars.
7. Hot and cold water and gas lines.

Indicate any other obstructions which might interfere with placing of cabinets or cupboards.

List this information with your sketch:

8. If numbers 4, 5, 6, or 7 on your sketch can be re-located or eliminated, please indicate. If there are any partitions in the room state whether or not they can be removed.
9. Purpose of room: foods, sewing, all-purpose, etc.
10. Number of students in each class, also total number in clothing classes.
11. Number teachers in the department.
12. State whether planning for a new building or for a new department in an old building.

Below is shown a typical sketch giving the information needed. Furnishing full details will save time and correspondence. Send your sketch to The Bavinco Manufacturing Corporation, 2745 Seneca Street, Buffalo 10, N. Y., or to the distributor furnishing this catalog.



EXAMPLE

Window sills are 46" from floor. Ceiling height 11'8". Radiators A & B can be moved. Room is to be an All-Purpose room. Provides for 20 students for foods and 20 for sewing. Total in sewing classes 120. Two teachers. We are planning to remodel a department in an old building.

Instructor's Demonstration Desk



No. L-0116

The Instructor's Demonstration Desk is the natural focus of attention at any science class room and is the one item of equipment that must be complete in its service features, ample in overall size, and adequate in its accommodations. The No. L-0116 instructor's desk is large enough so that pupils can gather around it for "closeups" of demonstration experiments without having to stand "two-deep". Second, one double cupboard and five drawers provide flexible storage space. One drawer is equipped with lock for the safe storage of class books, examination papers or other valuable materials. Third a 22 $\frac{7}{8}$ inch wide knee space with closed front panel is provided for the comfort of the instructor while seated. Fourth, the desk is equipped with complete service features. Hot and cold water, large size soapstone sink complete with lead trap and overflow, double gas cock, duplex A. C. receptacle, and metal upright rods with wood cross-bar—are all supplied with this instructor's desk.

SPECIFICATIONS:

	Length	Width	Height	Depth
Overall	96 in.	30 in.	37 in.	.....
Knee space .....	.....	22 $\frac{7}{8}$ in.	32 $\frac{3}{8}$ in.	25 $\frac{1}{8}$ in.
1 Cupboard .....	.....	33 $\frac{1}{2}$ in.	27 $\frac{3}{4}$ in.	24 $\frac{3}{8}$ in.
2 Drawers .....	.....	14 $\frac{3}{4}$ in.	5 $\frac{5}{8}$ in.	16 $\frac{1}{2}$ in.
3 Drawers .....	.....	32 in.	5 $\frac{5}{8}$ in.	16 $\frac{1}{2}$ in.
1 Soapstone Sink	18 in.	14 in.	.....	10 $\frac{1}{2}$ in.

EQUIPMENT:

1 single cold water pantry cock; 1 single hot water pantry cock; 1 double gas cock; 1 duplex A.C. receptacle in rail; 1 soapstone sink; 1 set of lead drain fittings; 14-tumbler lock on one drawer; 2 flush plates and 19mm upright rods with clamps and wood cross bar.

CONSTRUCTION:

Body of birch, finished School Furniture Brown. Top of 1 $\frac{1}{4}$ in. Harlack. Toe space of 1 $\frac{1}{4}$ in. Ebonite. Exterior of recessed panel construction. Interior of laminated clear fir and/or solid birch, maple and basswood.

Price \$335.00. Shipping Weight 720 Lbs.

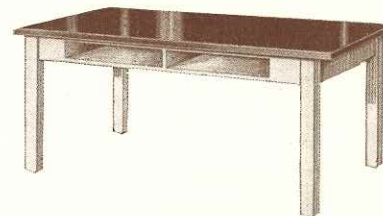
All-Purpose Student Tables

No. L-0218 STUDENT TABLE

Student Table No. L-0218 is substantially built for constant classroom use. All parts, except top, are made of birch, finished School Furniture Brown. Top is 1 1/4 in. Harlack. This table is not only practical for the general science or biology laboratory, but also for academic classrooms, study halls, or elsewhere where rugged service is required.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall.....	54 in.	22 in.	30 in.	17 1/2 in.
2 Book Compartments.....		15 3/4 in.	3 3/4 in.	17 1/2 in.
Knee Space.....		46 in.	23 3/8 in.	22 in.



No. L-0218

Price: \$47.00

Shipping Weight—105 Lbs.



No. L-0219

Price: \$52.00

Shipping Weight—110 Lbs.

No. L-0219 STUDENT TABLE

Student Table No. L-0219 is similar to No. L-0218, shown above, except that it is supplied with two drawers instead of book compartments. Such drawers are a convenience for storing small supplies used by successive classes. The price increase compared with the No. L-0218 table is slight.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	54 in.	22 in.	30 in.	17 1/2 in.
2 Drawers		14 3/8 in.	3 in.	15 3/8 in.
Knee Space		46 in.	23 3/8 in.	22 in.

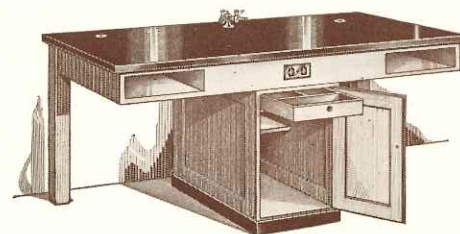
No. L-0245 2-STUDENT TABLE

Here is a table especially designed to accommodate two pupil partners with comfortable working area and knee spaces, supplying each with an individual book compartment. Each table is equipped with a single cupboard with fixed half-depth shelf and a removable 3-compartment equipment tray. Such a table is adaptable for use in teaching any of the sciences in a combined laboratory-classroom.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	60 in.	24 in.	30 in.	21 in.
Knee Spaces		20 7/8 in.	24 1/4 in.	21 in.
1 Cupboard		12 1/2 in.	21 1/4 in.	18 3/8 in.
1 3-Compt. Equip. Tray.....		11 in.	2 3/8 in.	14 3/8 in.
2 Book Compartments		12 1/2 in.	3 in.	19 3/8 in.

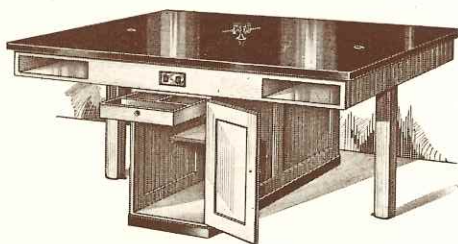
CONSTRUCTION: Body of standard recessed panel construction in birch, finished School Furniture Brown. Top of 1 1/4 in. Harlack. Base molding on center pedestal of 1/4 in. black impregnated welded fibre finished Ebonite.



No. L-0245

Price: \$94.00

Shipping Weight—310 Lbs.



No. L-0323

Price: \$125.00

Shipping Weight—465 Lbs.

No. L-0323 4-STUDENT TABLE

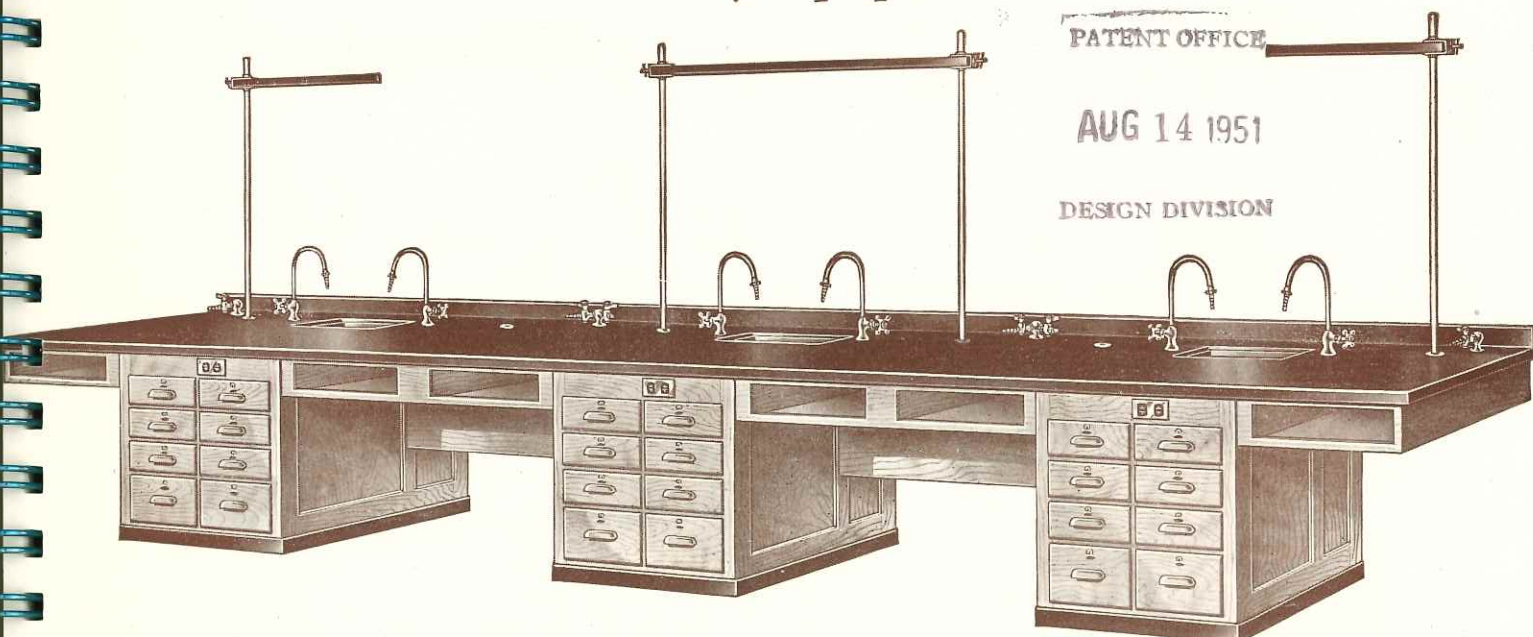
This table is similar in appointments to the No. L-0245 two-student table except that the overall dimensions have been increased to accommodate four students, and the number of service outlets, book compartments, cupboards and equipment trays has been doubled. Four students can work efficiently at this table, either individually or as partners.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	60 in.	38 in.	30 in.	17 1/2 in.
Knee Spaces		20 7/8 in.	24 1/4 in.	17 1/2 in.
2 Cupboards		12 1/2 in.	21 1/4 in.	16 3/8 in.
2 Equipment Trays		11 in.	2 3/8 in.	14 3/8 in.
4 Book Compartments		12 1/2 in.	3 in.	14 1/2 in.

CONSTRUCTION: Body of standard recessed panel construction in birch, finished School Furniture Brown. Top of 1 1/4 in. Harlack. Base molding on center pedestal of 1/4 in. black impregnated welded fibre finished Ebonite.

Laboratory Equipment



PATENT OFFICE

AUG 14 1951

DESIGN DIVISION

6-STUDENT MULTI-SERVICE DESK

No. L-2242

SPECIFICATIONS:

	Length	Width	Height	Depth
Overall	16 ft.-6 in.	30 in.	30 in.	.....
Retaining Rim	16 ft.-6 in.	¾ in.	2 in.	.....
End Knee Spaces .....	.....	20⅞ in.	23⅜ in.	30 in.
Center Knee Space .....	.....	41¾ in.	23⅜ in.	30 in.
6 Book Compartments .....	.....	15¾ in.	3¾ in.	20 in.
18 Drawers .....	.....	8⅝ in.	3⅝ in.	14⅝ in.
6 Drawers .....	.....	8⅝ in.	6⅝ in.	14⅝ in.
3 Cupboards (Reverse Side) .....	.....	22⅝ in.	24 in.	10½ in.
2 Shields for (Plumbing Leads (on Reverse Side)	41¾ in.	9¾ in.	7½ in.	.....
3 Stone Sinks	16 in.	8 in.	.....	7½ in.

CAPACITY: 1 section of chemistry, 3 sections of biology, and 1 or 2 sections of physics (using book compartments).
EQUIPMENT: 6 cold water pantry cocks; 3 sets of drain fittings and lead traps; 2 double gas cocks; 2 single gas cocks; 3 duplex A.C. receptacles; four 19 mm upright rods with one wood cross bar and two Greenlaw arms; 2 extra flush plates for 19-mm rods; 14 tumbler locks and number plates on all drawers.

Price \$910.00. Shipping Weight 1,530 Lbs.

LABORATORY FUME HOOD No. L-2400

SPECIFICATIONS

	Width	Height	Depth
Overall (Except Blower)	49 in.	7-ft.-0 in.	24 in.
Upper Unit	47⅞ in.	47 in.	22 in.
Double Cupboard Base Unit	47⅞ in.	34¾ in.	22 in.
Working Surface	49 in.	37 in.	24 in.
Sash Opening	44 in.	27 in.	22 in.

EQUIPMENT:

1 single gas cock; 1 duplex A.C. pedestal; 2 sash pulls; base cupboard provided with 1 fixed, half-depth shelf; 1 size No. 1¼ blower, ⅞ H. P. 60-cycle A. C. motor (exhausting 500 C.F.M. at 1140 R.P.M.) mounted at right top of hood on blower shelf and cork silencers. A thermal overload starting switch for the motor is mounted at right end of hood. Blower is connected to the hood canopy by means of a 7½ in. elbow. Both canopy and elbow are of lead-coated metal.

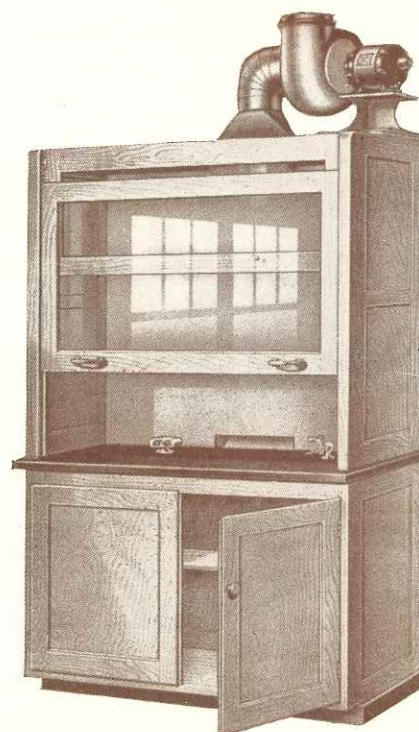
CONSTRUCTION:

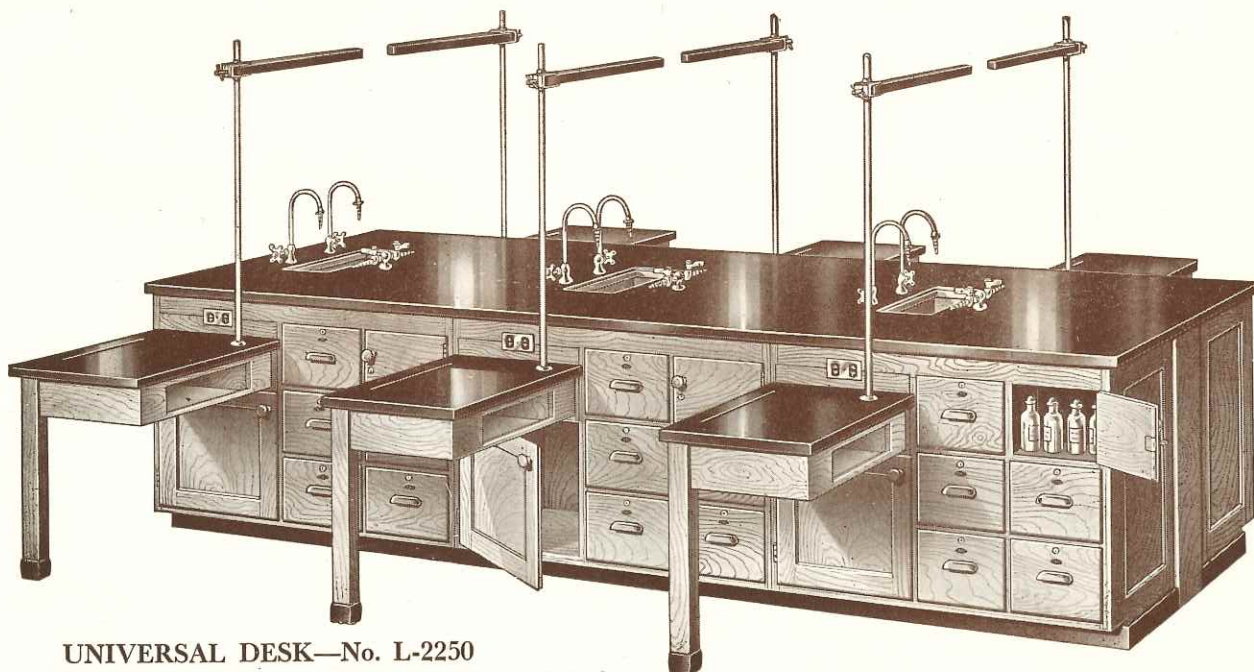
All parts except working surface and glass panes are built of selected birch, finished School Furniture Brown. Both sash are glazed with D.S.A. glass. The sliding sash is counterbalanced by sash weights supported by ⅞ in. monel metal sash cords, operating over bronze-sheath pulleys. Fixed baffle at rear of hood with fume duct of lead-coated metal having openings at base and top. The working surface is of 1¼ in. Harlack. The recessed toe space is faced with ¼ in. Ebonite.

Price \$400.00

Shipping Weight 610 Lbs.

No. L-2400





UNIVERSAL DESK—No. L-2250

CONSTRUCTION: Body of birch, finished School Furniture Brown. Top of center section of 1¼ in. Soapstone. Tops of wing sections 1¼ in. Harlack. Reagent compartments finished inside with black Harlack finish. Toespace molding of ¼ in. Ebonite.

EQUIPMENT: 3 double gas cocks; 6 cold water pantry cocks; 3 sets lead drain

fittings and trap; 6 duplex A.C. receptacles; 6 metal upright rods and Green-law arms; 6 pencil grooves; 6 leg shoes; 14-tumbler locks and number plates on all drawers and on hinged reagent compartment doors. Locks not provided on general storage cupboards.

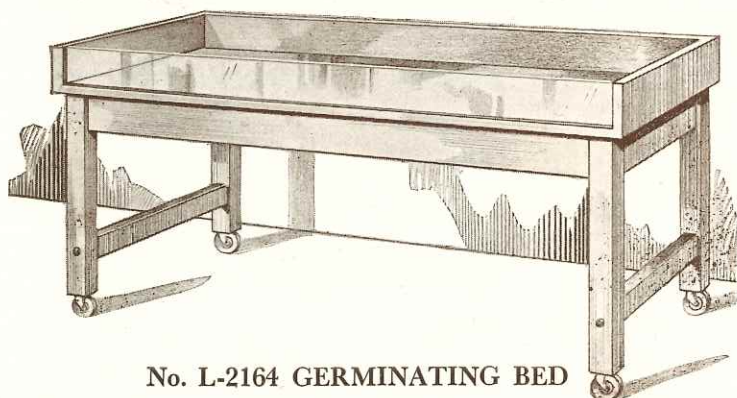
SPECIFICATIONS

	Length	Width	Height	Depth
Overall	11 ft.-2 in.	6 ft.-8 in.	36 in.	.....
Center Section	11 ft.-2 in.	36 in.	36 in.	.....
6 Wings .....	.....	23 in.	30 in.	.....
Knee Spaces .....	.....	23 in.	23¾ in.	18 in.
30 Drawers .....	.....	10½ in.	7¾ in.	13½ in.
6 Reagent Compartments .....	.....	11½ in.	8½ in.	6 in.
6 Book Compartments .....	.....	12½ in.	3¾ in.	14¾ in.
6 Cupboards .....	.....	17¼ in.	16¾ in.	13¾ in.
3 Stone Sinks	16 in.	8 in.	.....	7½ in.

CAPACITY: 6 Students—5 Sections (as illustrated)

NOTE: The student capacity of this desk can be either increased or decreased by units of two-students, allowing 44 inches for each 2-student section. Indicate student capacity desired.

Price \$1,170.00. Shipping weight 2300 lbs. (as illustrated)



No. L-2164 GERMINATING BED

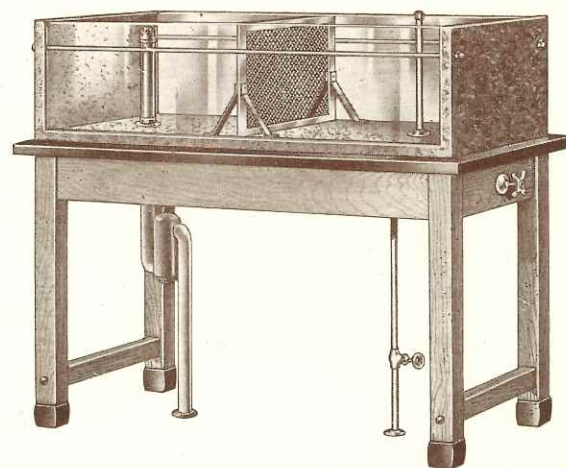
A zinc-lined germinating bed for growing seedlings. The glass side is useful in studying the root growth of seeds planted along the edge.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall	70 in.	24 in.	36 in.	.....
Zinc-lined Bed	70 in.	24 in.	.....	6 in.

EQUIPMENT: 1 plate glass side; bed lined with 14-gauge zinc, with drip cock and strainer at center; 4 swivel rubber-tired casters.

Price \$185.00. Shipping Weight 185 Lbs.



No. L-2168 AQUARIUM

An ideal aquarium for the biology laboratory where it can be used for the propagation of fish or other marine life. The separating screen at the center makes it a dual aquarium.

SPECIFICATIONS

	Length	Width	Height	Depth
Overall of Assembly	54 in.	26 in.	52 in.	.....
Leg Base	50 in.	24 in.	37 in.	.....
Aquarium	50 in.	24 in.	.....	15 in.

Aquarium capacity 50 gallons.

CONSTRUCTION: Bottom and ends built of Alberene stone; sides built of heavy plate glass properly braced with nickel-plated tie rods and sealed with waterproof cement. Heavy table frame of birch, finished standard School Brown.

EQUIPMENT: 1 movable brass screen; 1 set of nickel-plated brass drain fittings with overflow and trap; 1 water supply pipe with shut-off valve, control valve, and perforated head; 4 leg shoes.

Price \$230.00. Shipping weight 550 lbs.



Laboratory Equipment



No. L-2230 2-STUDENT SCIENCE TABLE

	SPECIFICATIONS			
	Length	Width	Height	Depth
Overall	66 in.	30 in.	30 in.	.....
Knee Spaces	19 1/2 in.	29 1/2 in.	29 1/2 in.	30 in.
4 Drawers	8 1/2 in.	6 3/8 in.	6 3/8 in.	14 3/8 in.
2 Book Compartments	15 3/4 in.	3 3/4 in.	3 3/4 in.	16 in.
1 Double Cupboard	20 3/4 in.	15 in.	15 in.	16 in.
1 Rear Cupboard	22 3/4 in.	30 in.	30 in.	10 1/2 in.
1 Stone Sink	16 in.	8 in.	.....	7 1/2 in.
Retaining Rim	66 in.	34 in.	2 in.	.....

EQUIPMENT: 2 single gas cocks; 2 cold water pantry cocks; 1 set lead drain fittings and trap; 1 duplex A.C. receptacle on right end rail; 2 metal uprights with Greenlaw arms; 2 leg shoes; 14 tumbler locks and number plates on all drawers.

CONSTRUCTION: Body of birch finished S. F. B. Top of 1 1/4 in. Harlack. Retaining rim of birch, finished Harlack. Base molding of 1/4 in. Ebonite, 2 in. wide.

Price: \$322.50. Capacity, 2 Students—2 Sections
Shipping Weight—475 Lbs.

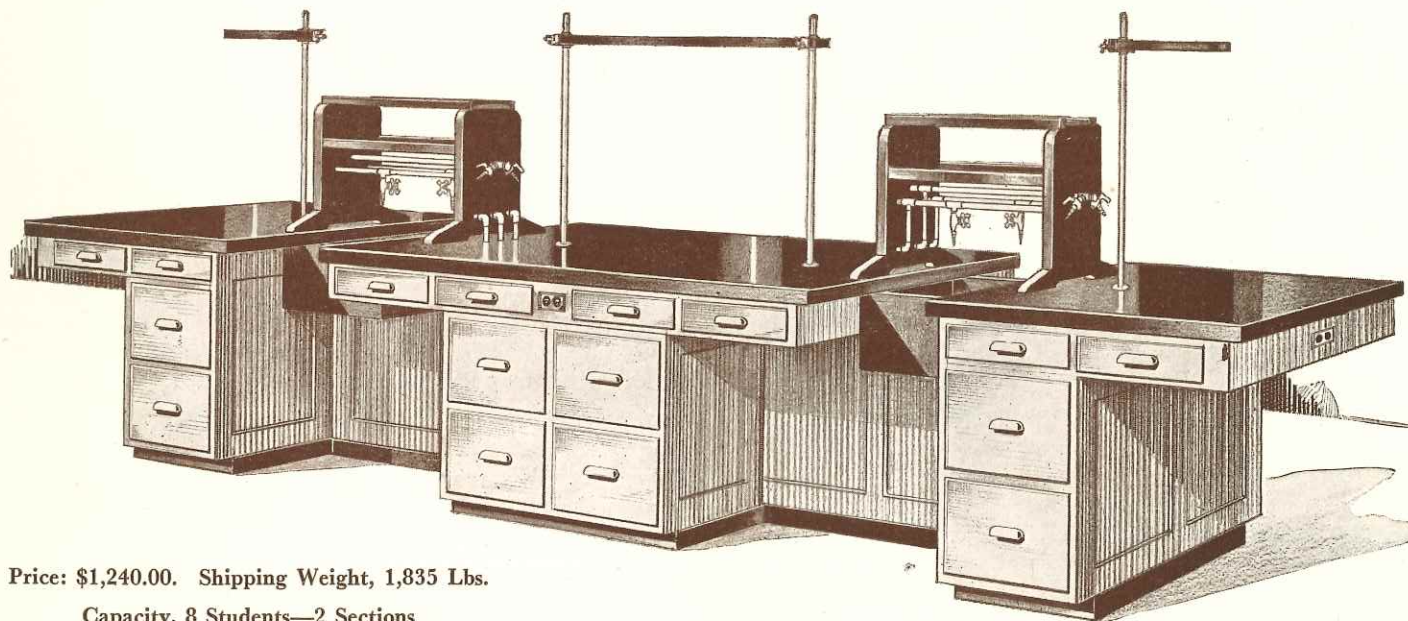
No. L-2234 4-STUDENT SCIENCE TABLE

	SPECIFICATIONS			
	Length	Width	Height	Depth
Overall	66 in.	45 in.	36 in.	.....
Knee Spaces	19 1/2 in.	29 1/2 in.	29 1/2 in.	22 1/2 in.
8 Drawers	8 1/2 in.	6 3/8 in.	6 3/8 in.	14 3/8 in.
4 Book Compartments	15 3/4 in.	3 3/4 in.	3 3/4 in.	16 in.
2 Double Cupboards	20 3/4 in.	15 in.	15 in.	16 in.
2 Plumbing Access. Comp'ts.	8 3/4 in.	21 1/4 in.	.....	.....
1 Stone Sink	16 in.	8 in.	.....	7 1/2 in.

EQUIPMENT: 2 double gas cocks; 2 cold water pantry cocks; 1 set lead drain fittings and trap; 2 duplex A.C. receptacles; 2 metal upright rods with Greenlaw arms; 2 leg shoes; 14 tumbler locks and number plates on all drawers.

CONSTRUCTION: Body of birch finished S. F. B. Top of 1 1/4 in. Harlack. Base molding of 1/4 in. Ebonite, 2 in. wide.

Price: \$435.00. Capacity, 4 Students—2 Sections
Shipping Weight 600 Lbs.



Price: \$1,240.00. Shipping Weight, 1,835 Lbs.

Capacity, 8 Students—2 Sections

No. L-2254 BROWN-PAGE SCIENCE DESK

	SPECIFICATIONS			
	Length	Width	Height	Depth
Overall	14 ft.-4 in.	42 in.	34 in.	.....
End Knee Spaces .....	.....	18 in.	27 3/8 in.	21 in.
Center Knee Spaces .....	.....	40 in.	27 3/8 in.	14 in.
16 Drawers .....	.....	11 1/4 in.	3 in.	14 3/8 in.
16 Drawers .....	.....	11 1/4 in.	9 1/4 in.	14 3/8 in.
2 Reagent Racks, Birch and Harlack finish.	25 3/8 in.	10 in.	20 3/8 in.	.....
2 Sinks	25 in.	20 in.	.....	10 in.

EQUIPMENT: 2 single straight-way cold water cocks; 2 single straight-way hot water cocks; 4 double gas cocks; all necessary piping in reagent racks; 2 sets lead fittings and trap; 4 duplex A.C. receptacles mounted in side and end rails; 4 metal upright rods with 1 wood cross bar and 2 Greenlaw arms; 14-tumbler locks and number plates on all drawers. CONSTRUCTION: Body of birch, finished School Furniture Brown. Top 1 1/4 in Harlack. Reagent Racks of Birch with Harlack Finish.

No. L-0907 STORAGE CASE UNIT

Storage Case Unit No. L-0907 is a six-foot case, designed to be used singly or in batteries along the rear of a room or elsewhere, depending upon the available space. It not only provides ample storage space for general laboratory apparatus and chemicals, but in addition provides a 7½ inch deep counter ledge—very useful in dispensing materials to the students.

SPECIFICATIONS

	Width	Height	Depth
Overall	72 in.	7 ft.-0 in.	24 in.
Upper Case Unit	72 in.	47 in.	16 in.
Lower Case Unit	72 in.	37 in.	22 in.
Available Counter Ledge	72 in.	.....	8 in.

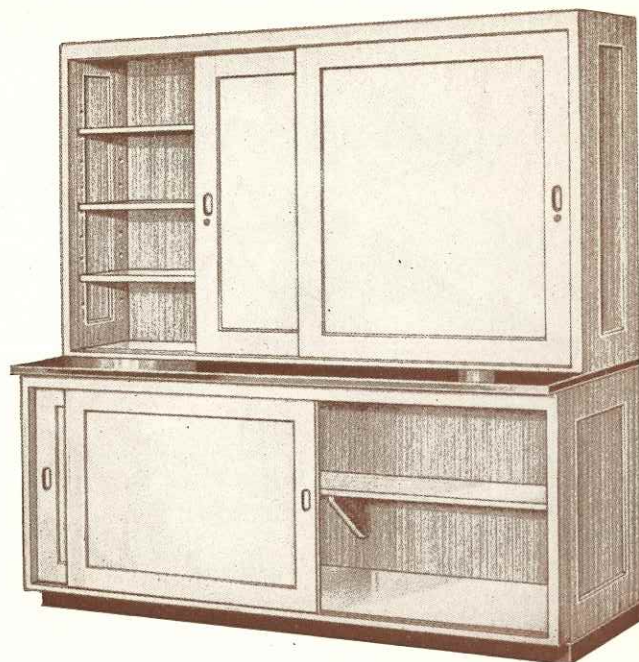
CONSTRUCTION:

All case work, except counter ledge, is fabricated of birch finish School Furniture Brown. Standard recessed panel construction. Center ledge is of 1¼ in. Harlack. Recessed toe space is lined with ¼ in. black, impregnated welded fibre. Upper section is provided with three adjustable full length shelves, 12¼ in. deep. These are supported at ends and center by metal shelf pins which slip into holes spaced on 2 in. centers. These upper shelves are tilted ¼ in. to the rear.

Lower cupboard is provided with one fixed, half-depth shelf. All sliding doors operate smoothly on waxed maple tracks and are provided with routed flush pulls. Case doors of upper section only are provided with 14-tumbler locks.

Price \$295.00

Weight 555 Lbs. Shipping in Two Containers



L-0907

No. L-0909 STORAGE-NOTEBOOK CASE UNIT (Left)

This case expands the usefulness of the No. L-0907 storage case by the addition of a 72-compartment notebook case in the right half of the upper section. The left half of the upper section and the complete lower section and counter ledge are identical with the specifications of No. L-0907.

SPECIFICATIONS	Width	Height	Depth
Overall	72 in.	7 ft.-0 in.	24 in.
Upper Case Unit	72 in.	47 in.	16 in.
Notebook Unit	33⅞ in.	44¼ in.	11¾ in.
72 Notebook Compartments	10¼ in.	1⅝ in.	11¾ in.
Upper Case Opening	33⅞ in.	44½ in.	12 in.
Lower Case Unit	72 in.	37 in.	22 in.
Available Counter Ledge	72 in.	.....	8 in.

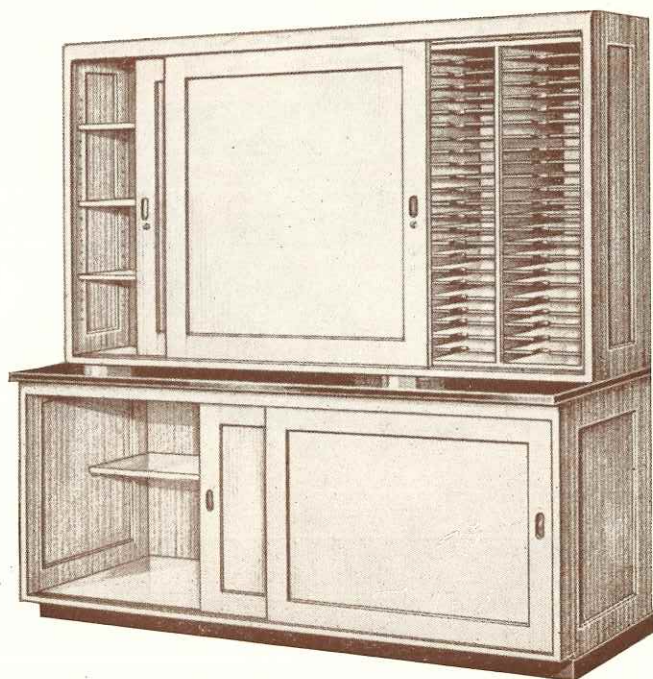
CONSTRUCTION:

Right half of upper section is provided with a 72-compartment notebook unit, built in three tiers of 24 compartments each. A celluloid number tack is placed at the left of each compartment opening. Compartment dividers are of ⅜ in. Masonite. Left hand of upper section is equipped with three adjustable shelves. These are supported at the ends by metal shelf pins which slip into holes spaced on 2 in. centers. These upper shelves are tilted ¼ in. to the rear.

In all other particulars the constructional details of this No. L-0909 Storage-Notebook Case Unit are identical with those of the No. L-0907 Storage Case Unit, as specified above.

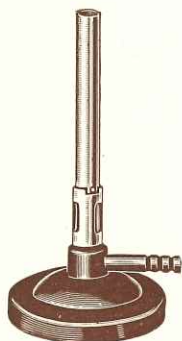
Price \$355.00

Weight 755 Lbs. Shipping in Two Containers



L-0909

Laboratory Apparatus and Supplies



BUNSEN BURNER

8 - 630 65 ea.



$\frac{3}{4}$ " DEFLAGRATING SPOON

77 - 240 35



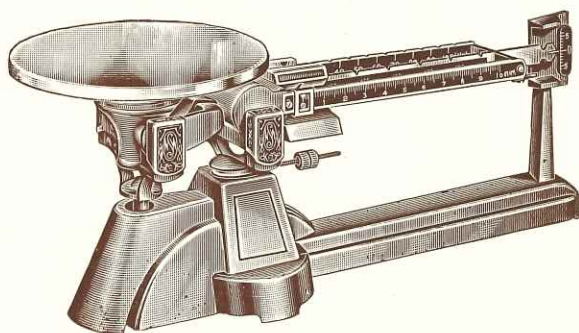
6" HORN SPOON SPATULA

76 - 700 50



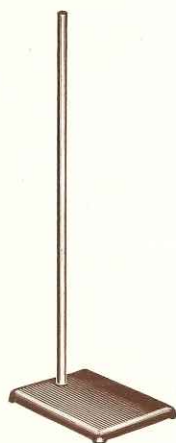
TRIPOD - 6"

82 - 130



BALANCE—610 GRAM CAPACITY

3 - 422\$17.40 ea.



SUPPORT STAND

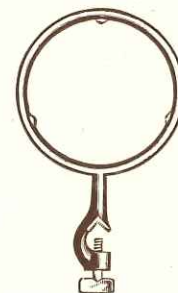
24" ROD

78 - 905\$3.60 ea.



6" x 6" WIRE MESH

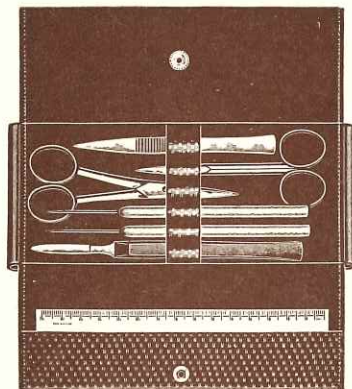
85 - 040 20



4" SUPPORT RING

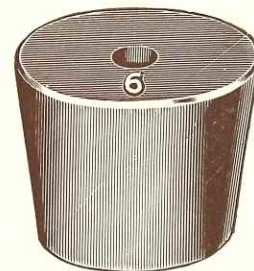
74 - 600 70

Laboratory Apparatus and Supplies



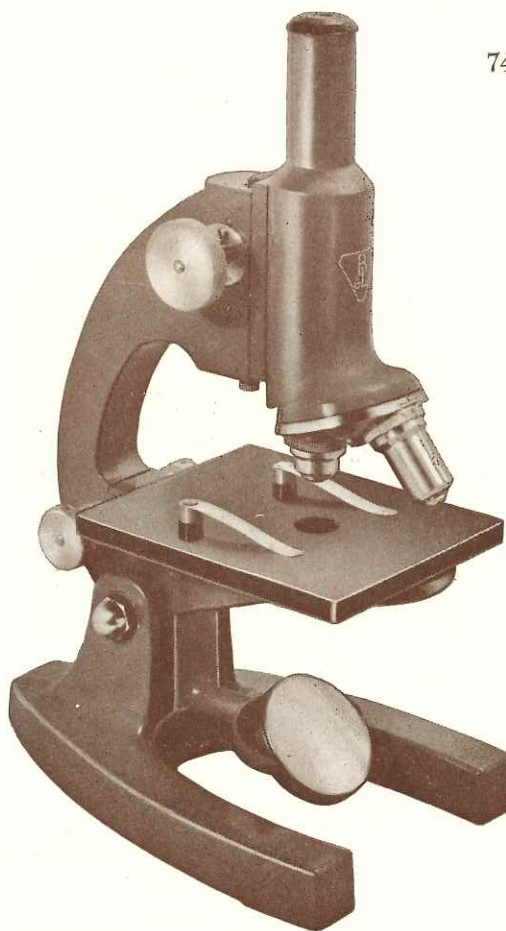
DISSECTING KIT

30 - 290\$1.50 ea.



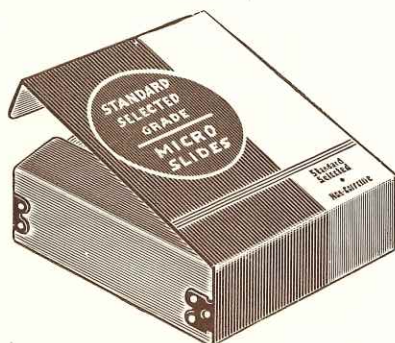
RUBBER STOPPERS

74 - 900\$1.30 lb.



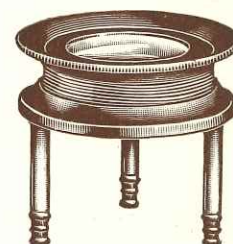
STUDENT MICROSCOPE

F. L.\$97.50



MICROSCOPE SLIDES

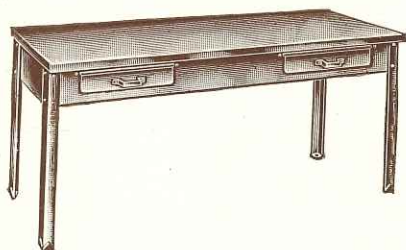
60 - 490\$1.90 gross



TRIPOD MAGNIFIER

50 - 380\$1.50

LYON Tables and Work Benches



STEEL TABLE

For miscellaneous requirements such as classrooms, packaging departments, light assembly, shop offices, etc. Two easy sliding drawers. Steel top makes smooth working or writing surface. Finish—Lyon Green baked-on enamel. Shipped with legs detached.

No. 1320—

60" long, 30" wide,
30" high.

Price	Wt.
\$23.80	146 lbs.

No. 1321—

72" long, 30" wide,
30" high

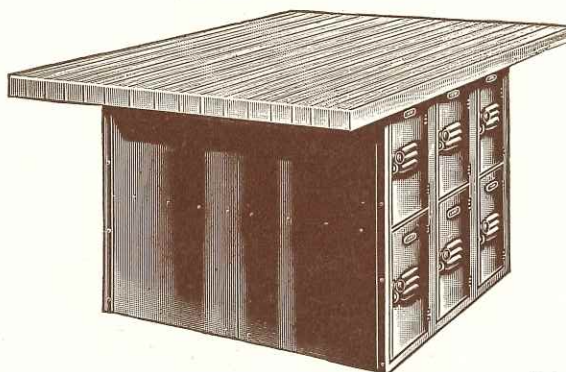
Price	Wt.
\$25.70	158 lbs.

WOOD WORKING BENCH

Gives vocational schools and wood shops three distinct advantages:

1. Systematic storage under the bench and out of the way.
2. Tools and equipment used and stored at same location.
3. Eliminates store room congestion.

Doors are equipped with padlock attachment. (Padlock not furnished.)



No. 2566 — (Single Face) 60" wide, 28" deep, 33" high.

No. 2567 — (Double Face) 64" wide, 50" deep, 33" high.

Price	Wt.
\$ 80.00	226 lbs.
198.20	440 lbs.

ARC (WELDING)

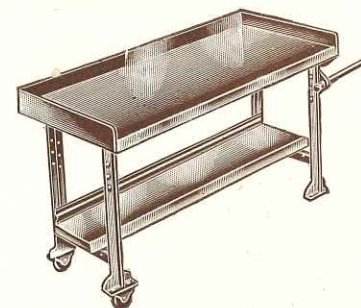
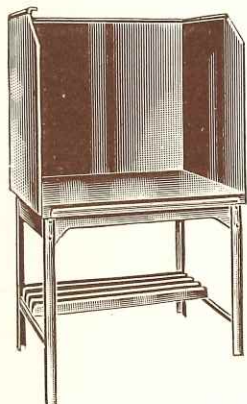
Patent No. 2-328-182

Sheet steel shield 35" high protects surrounding workers from glare and flying sparks. All edges of shield are hemmed for strength and to eliminate sharp edges. Shelf is divided into four 32" long compartments for welding rods. Legs on each side are welded to cross members, forming a single unit for easy erection and positive rigidity. Balance erected with bolts. May be equipped with No. 2776 Bench Drawer.

Finish—Lyon Green baked-on enamel.

No. 2570—

37" wide, 28" deep, 66½" high.	Price	Wt.
Bench top is 33" above floor	\$23.95	168 lbs.



PORTABLE WORK BENCH

The Lyon PORTABLE BENCH permits worker to take his bench and tools to the job. Consequently, these portable units have gained great popularity with maintenance men, millwrights, mechanics, and supervisors of mobile assembly and production lines. Bench casters are stationary type and are securely attached to insure continued rigidity. Wheelbarrow type handles slide under bench top and out of the way when not in use. Finish—Lyon Green baked-on enamel.

No. 2560—72" long, 28" deep, 34" high.	Price	Wt.
	\$36.15	213 lbs.

Top (1¾" thick) is hard maple or birch with natural finish. Single face model (for against wall use) has working space for two—storage space for 6. Double face model (illustrated) for center room use, has working space for 4—storage space for 12. Locker openings are 12" wide, 21" deep, and 15" high. Finish (steel parts)—Lyon Green baked-on enamel.

GAS (WELDING)

Patent No. 2-310-904

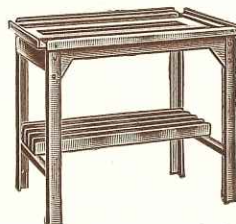
Top consists of outside frame and angle steel inner frame bolted between the end uprights, making room for twenty-four 9 x 4½ x 2½ standard fire bricks (bricks not furnished—available at local yards.) Shelf is divided into four 32" long compartments for welding rods.

Legs on each side are welded to cross members, forming a single unit for easy erection and positive rigidity. Balance erected with bolts. May be equipped with No. 2776 Bench Drawer.

Finish—Lyon Green baked-on enamel.

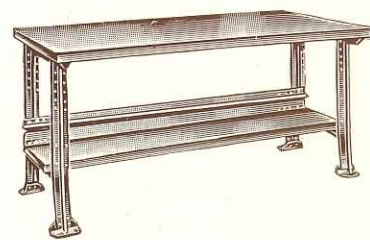
No. 2575—

37" wide, 28" deep, 34" high.	Price	Wt.
	\$13.50	74 lbs.





LYON Work Tables



WITH WOOD TOP

Lyon wood top benches are ideal for electrical work, handling highly polished units, instrument work, or fine tool and die making.

Tops are made of thoroughly seasoned and kiln dried maple or birch strips approximately 2" wide, and 1 3/4" thick. Waterproof glue is used between strips and tie rods on approximately 30" centers insure continued good service. Laminated, natural finish wood top is sanded to give a smooth surface.

Accessory equipment includes 3/4 depth shelf, back and end stops, single drawers, 2 and 3 drawer units and shelf riser.

Finish—Steel parts Lyon Green baked-on enamel.

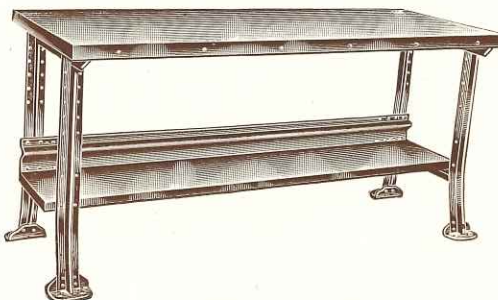
All benches are 34" high.

With Stringer

	Price	Wt.
No. 2540— 60" long, 28" deep....	\$58.65	159 lbs.
No. 2541— 60" long, 34" deep....	\$68.95	182 lbs.
No. 2542— 72" long, 28" deep....	\$68.00	178 lbs.
No. 2543— 72" long, 34" deep....	\$80.40	205 lbs.

With Shelf

No. 2550— 60" long, 28" deep....	\$61.40	178 lbs.
No. 2551— 60" long, 34" deep....	\$72.40	209 lbs.
No. 2552— 72" long, 28" deep....	\$70.85	200 lbs.
No. 2553— 72" long, 34" deep....	\$84.00	235 lbs.



WITH STEEL TOP

Lyon steel top benches are suitable for every type of heavy duty bench work.

Steel top benches have long life on heavy jobs. Tops will not crack, splinter, gouge or become oil soaked.

Legs are attached to top through wood blocks that insulate against noise and vibration. Bench is easily cleaned and there is no maintenance cost.

Accessory equipment includes 3/4 depth shelf, back and end stops, single drawers, 2 and 3 drawer units, and shelf riser.

Finish—Lyon Green baked-on enamel.

All benches are 34" high.

WITH STRINGER

	Price	Wt.
No. 2500—36" long, 28" deep	\$17.70	113 lbs.
No. 2501—36" long, 34" deep	19.10	128 lbs.
No. 2502—60" long, 28" deep	21.15	148 lbs.
No. 2503—60" long, 34" deep	22.80	168 lbs.
No. 2504—72" long, 28" deep	23.40	165 lbs.
No. 2505—72" long, 34" deep	25.70	186 lbs.
No. 2506—120" long, 28" deep	35.65	259 lbs.
No. 2507—120" long, 34" deep	38.90	292 lbs.

WITH SHELF

	Price	Wt.
No. 2520—36" long, 28" deep	\$19.25	123 lbs.
No. 2521—36" long, 34" deep	21.00	141 lbs.
No. 2522—60" long, 28" deep	23.75	167 lbs.
No. 2523—60" long, 34" deep	25.95	194 lbs.
No. 2524—72" long, 28" deep	26.30	186 lbs.
No. 2525—72" long, 34" deep	29.30	216 lbs.
No. 2526—120" long, 28" deep	41.10	293 lbs.
No. 2527—120" long, 34" deep	45.65	340 lbs.

WITH PRESSED WOOD TOP

Lyon pressed wood top work benches are built for heavy duty or fine precision work.

Pressed wood top is attached directly over heavy steel top with a firm gripping cement and is secured with channel type binding strips at front and rear that protect edges.

Top may be used in natural finish or waxed to a high gloss for certain types of work. Ideal for working with highly polished parts, instrument making or electrical work.

Legs are attached to top through wood blocks that insulate against noise and vibration. Bench is easily cleaned and there is no maintenance cost.

Accessory equipment includes 3/4 depth shelf, back and end stops, single drawers, 2 and 3 drawer units, and shelf riser. All benches are 34" high.

Finish—Lyon Green baked-on enamel.

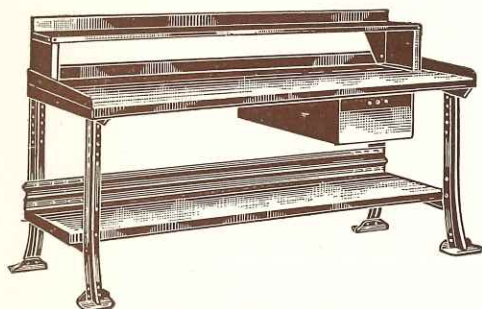
With Stringer

	Price	Wt.
No. 2530— 60" long, 28" deep....	\$35.50	165 lbs.
No. 2531— 60" long, 34" deep....	\$38.60	187 lbs.
No. 2532— 72" long, 28" deep....	\$39.85	185 lbs.
No. 2533— 72" long, 34" deep....	\$43.00	210 lbs.

With Shelf

No. 2534— 60" long, 28" deep....	\$38.35	184 lbs.
No. 2535— 60" long, 34" deep....	\$41.95	214 lbs.
No. 2536— 72" long, 28" deep....	\$42.90	207 lbs.
No. 2537— 72" long, 34" deep....	\$46.85	239 lbs.

LYON Cabinets, Benches and Tool Carts



Work Bench

With One Drawer Unit Illustrated

ONE DRAWER UNIT

No. 2777—20 in. wide, 20 in. deep, 6 in. high.
Weight 28 lbs.

Price.....\$8.50 ..

TWO DRAWER UNIT

No. 2792—23½ in. wide, 20 in. deep, 15 in. high.

Weight 73 lbs.

Price.....\$18.50

THREE DRAWER UNIT

No. 2793—23½ in. wide, 20 in. deep, 22 in. high.

Weight 101 lbs.

Price.....\$25.60

Cabinet Bench

Heavy steel top makes sturdy mounting for small grinders and vises.

Handy mounting for office machines.

Back and end stops detachable.

Twelve square feet of storage area protected by double swinging doors with 3-point locking device.

Center shelf adjustable on 1½ in. centers.

Built-in flat key lock.

Finish — Lyon Green baked-on enamel.



No. 3000—36 in. wide, 24 in. deep, 34 in. high (plus 3 in. backstop)
Weight 176 lbs.

Price.....\$35.70



Service Cart

Saves steps and material handling as an assembly line feeder, in the stock room, in shipping and receiving departments, etc.

Casters are stationary in front and swivel in the back. Steel push bar. Pan type trays are 3 in. deep.

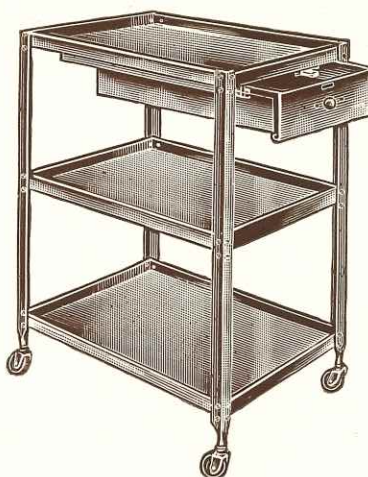
Finish—Lyon Green baked-on enamel.

No. 3030

30 in. long, 16 in. wide, 32 in. high.

Price.....\$23.45

Weight 60 lbs.

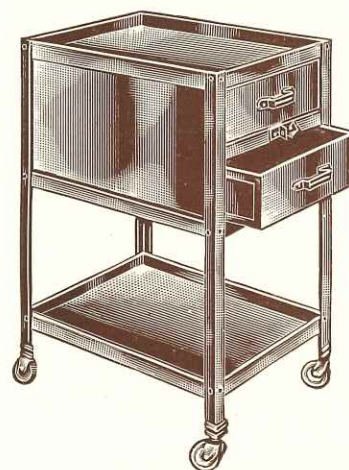


Portable Tool Stand

No. 3107

Price \$19.55

Weight 84 lbs.



Tool Toter

Lyon Tool Toters serve the same general purpose as Lyon Portable Tool Stands. Built-in drawers operate in a closed case that strengthens entire toter and assures continued drawer alignment.

Padlock hasp on cross piece locks both drawers at one time (padlock not furnished).

Top and bottom trays have 1½ in. flange. Steel swivel casters. Riveted construction. Finish—Lyon Green baked-on enamel.

No. 3160

18 in. wide, 24 in. deep, 34½ in. high. Drawers 15 in. wide, 23 in. deep, 4¾ in. high. Weight 80 lbs.

Price.....\$18.85

LYON Drawing Tables and Shop Desks



	Price	Wt.
No. 1330—Table with 2 lock-up compartments	\$46.70	187 lbs.
No. 1331—Table only. Top 45½" wide, 26" deep	\$19.00	76 lbs.
No. 1332—Lock-up compartment. Overall—12" wide, 24" deep, 35½" high	\$13.85	56 lbs.



STANDING TYPE

Writing surface, storage space and locked compartment for checkers, receiving clerks, watchmen, etc. Shelf at bottom is adjustable. Pencil and paper compartments. Sloping top 43" high at front. Drawer (24"x28"x3½") has roller bearing slides, brass handles, built-in lock. Two hooks on right side. Finish—Lyon Green baked-on enamel.

No. 2250—34½" wide, 30" deep, 53" high.

Price	Wt.
\$29.10	131 lbs.



CABINET TYPE

Top and drawer same as standing type. Cabinet for records, blueprints, tools, etc. Doors have cadmium plated handle, flat key lock, three point locking device. Interior shelf adjustable. Finish—Lyon Green baked-on enamel.

No. 2251—34½" wide, 30" deep, 53" high
(Cabinet 32" wide, 28" deep)\$50.85.....206 lbs.

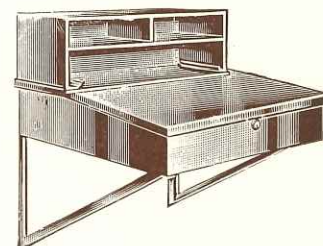
PORTABLE TYPE

(Not Illustrated)

Has all features of standing type desk No. 2250, plus portability. Useful for timestudy men, inventory clerks, and inspectors required to carry papers, books, etc., from job to job. Swivel casters. Front casters (nearest user) have foot controlled locking lever. Finish—Lyon Green baked-on enamel

No. 2254—34½" wide, 30" deep, 53" high.

Price	Wt.
\$33.20	128 lbs.



WALL TYPE

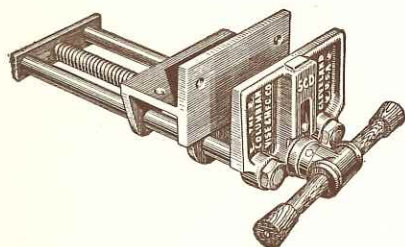
Attaches at any handy wall space, building column, or shelving rack end. Sloping working surface 24½" x 14". Storage compartment below lift top. Grooved key lock. Finish—Lyon Green baked-on enamel.

No. 2253—24½" wide, 23½" deep, 13" high (plus frame).

Price	Wt.
\$17.00	42 lbs.

COLUMBIAN Woodworkers Vises

CONTINUOUS SCREW WOODWORKERS' VISES



Columbian Continuous Screw—Solid Nut Woodworkers' Vises are designed for general use in woodworking or manual training shops. Simple construction is durable and reliable, with the fewest possible number of parts.

Steel guide rods, working through accurately machined guides in the back jaw, keep the jaws in alignment and insure smooth operation. Heavy steel screw with double, fast running thread provides positive action and maximum speed.

Vise No.	Price	Jaw Size Inches	Jaw* Opening Inches	Approx. Weight Pounds
PLAIN FRONT JAW				
5C	10.70	4 x 7	9	22
3C	12.70	4 x 10	12	30
DOG IN FRONT JAW				
5CD	11.35	4 x 7	9	23
3CD	13.35	4 x 10	12	31

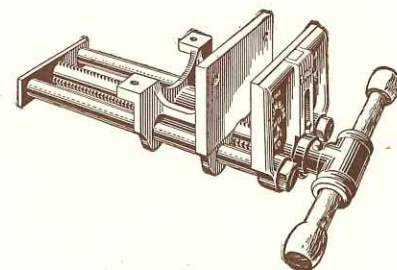
RAPID ACTING WOODWORKERS' VISES

Columbian Rapid Acting Woodworkers' Vises are designed for shops where time is an important factor as in production work, and are particularly adaptable where large changes in jaw opening must be made frequently.

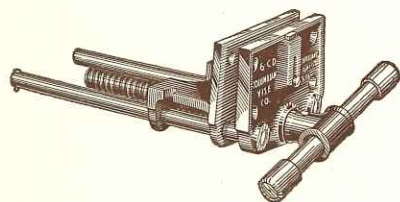
The rapid acting mechanism is made with an intercepted thread screw, produced by milling off a section of each thread the length of the screw. This smooth section slides under the bronze half-nut when the handle is thrown against the stop on the front jaw. The nut may be engaged at any time, however, and a half turn of the handle tightens the vise.

Vise No.	Price	Jaw Size Inches	Jaw* Opening Inches	Approx. Weight Pounds
PLAIN FRONT JAW				
1R	12.00	4 x 7	9	24
9R	14.00	4 x 10	12	32
DOG IN FRONT JAW				
1RD	12.70	4 x 7	9	25
9RD	14.70	4 x 10	12	33

*For larger opening add 50¢ per inch to price.



COLUMBIAN WOODCRAFT VISES

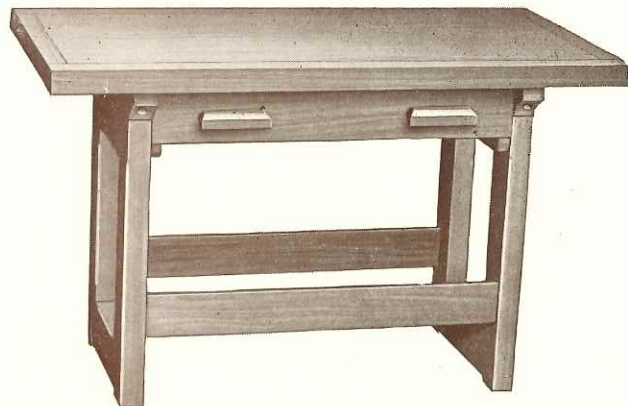


Columbian "Woodcraft" Vises are ideal for the homeshop work bench. No. 6C has fabricated steel front and back jaw parts. No. 6CD has strong cast iron jaws with adjustable steel dog in front jaw. Steel guide rods keep the jaws in alignment and machine-cut screw insures positive free action. Screw holes for attaching wood faces. Will fit any bench up to 2¼ in. without mortising.

Vise No.	Price	Jaw Size Inches	Jaw Opening Inches	Approx. Weight Pounds
6CD	5.00	3 x 6	7	10

Write for Quantity Prices

Kindergarten Work Benches



CM-2

MODEL CM-1 (with 6 in. wide tool tray)

MODEL CM-2 (without tool tray)

A solid maple, single drawer work bench of exceptionally rugged design for use in primary school grades.

SIZE: 42 in. long x 20 in. wide in 24 in. and 28 in. heights. Both heights can be furnished with a 2 in. shoe to screw to the feet to make heights of 26 in. and 30 in.

TOP: Solid maple 1 $\frac{3}{4}$ in. thick. Crossband both ends.

LEGS: Double leg of Ferguson special interlocked design. Manufactured from 1 $\frac{3}{4}$ in. thick solid maple. Sanded and finished all sides.

DRAWER: Size 26 in. x 13 in. x 4 in. Maple front with maple drawer pulls. Poplar sides and back; dovetailed construction; 5/16 in. plywood bottom.

BRACES: 5 $\frac{1}{2}$ in. maple—1 in. thick.

FINISH: All parts three coats clear lacquer.

SHIPPED: Knocked down in cartons. Weight approximately 65 lbs.

Prices: CM-1, \$31.90; CM-2, \$30.65

KINDERGARTEN SIX SIDED TABLE

MODEL KM-2

This is an extremely rigid, general purpose play table constructed of solid maple for use in primary school grades.

TOP: $\frac{3}{4}$ in. (nominal 1 in.) maple with eased edges on all exposed surfaces.

LEGS: 2 $\frac{1}{4}$ in. x 2 $\frac{1}{4}$ in. thick at the shoulder, slightly tapered for appearance.

SIZE: Overall diameter 42 in. Each side of hexagon is approximately 24 in.

HEIGHTS: 18 in., 20 in., 22 in., or 24 in.

FINISH: Three coats of clear lacquer.

SHIPPED: In one carton for simple assembly of legs to top by means of wing nuts.

WEIGHT: Approximately 55 lbs.

Price: \$16.90



KM-2

Manual Training Benches



SM-1

MODEL SM-1 (Single bench with 7 in. wide tool tray as illustrated)

MODEL SM-2 (Single bench without tool tray)

MODEL SM-11 (Double bench with 7 in. wide tool tray)

Model SM-11 is similar to SM-1 except that it is built for two pupils. Drawers and working space are duplicated on the two sides of the bench, with one tool tray located at the center for use of both pupils. The following specifications apply to both models: SIZE Top (SM-1 and SM-2 Single Benches)—52 in. long x 22 in. wide. Top (SM-11 Double Bench)—52 in. long x 36 in. wide. All models 2 1/4 in. thick edge grained hard maple, with 7 in. wide tool tray. Overall height—32 in.

LEGS: Ferguson special interlocked design. Manufactured from 1 3/4 in. thick solid maple. Sanded and finished all edges.

DRAWER: Size 30 in. x 15 in. x 5 1/2 in. Maple front with maple drawer pulls. Poplar sides and back; dovetailed construction: 5/16 in. plywood bottom.

BRACES: 5 1/2 in. maple—1 in. thick.

FINISH: All parts three coats clear lacquer.

SHIPPED: Knocked down.

WEIGHT: (Approximate)—130 lbs. (SM-1 and SM-2 Single Benches). 145 lbs. (SM-11 Double Bench).

Prices: SM-1, \$44.40; SM-2, \$43.15; SM-11, \$71.90

Vises: 6C, \$4.60; 6CD, \$6.25



SM-55

MODEL SM-55 (Double bench as illustrated)

MODEL SM-5 (Single bench)

Model SM-5 is similar to SM-55. It has the same tool tray but provides working space and drawers for only one pupil on one side. The following specifications apply to both models:

SIZE: Top (SM-5 Single Bench)—52 in. long x 22 in. wide. Top (SM-55 Double Bench)—52 in. long x 36 in. wide. Both model tops 2 1/4 in. thick solid edge grained hard maple with 7 in. wide tool tray. Overall height—32 in.

CASE: 1 in. solid maple side and rear panels. Very sturdy construction. Drawers slide on sturdy maple frames securely fastened to side and rear panels.

DRAWERS: (*Five in SM-5 single bench; *Ten in SM-55 double bench). Maple front with maple drawer pulls. Poplar side, dovetail construction, plywood bottom.

SIZE: Top drawer—30 in. x 15 in. x 5 1/2 in. Other drawers—14 1/2 in. x 15 in. x 5 1/2 in.

FINISH: All exposed edges and surfaces sanded and finished three coats clear lacquer.

WEIGHT: (Approximate)—205 lbs. (SM-5). 375 lbs. (SM-55).

SHIPPED: Assembled in wooden crate.

Prices: SM-55, \$109.40; SM-5, \$68.15

*NOTE: These benches are also made with 4 or 6 drawers per side in either the single or double bench models.

DRAWING BOARDS



A light drawing board, adjustable for convenient working height and drawing board angle. Furnished in various sizes with white pine or basswood drawing boards. Manufactured from clear stock. Legs and framing of 1 in. maple. Exceptionally sturdy and stable. Finished three coats of clear lacquer. White pine or basswood tops—25/32 in. thick.

	Prices
Size—23 in. x 32 in.	\$ 5.00
Size—24 in. x 36 in.	6.90
Size—32 in. x 42 in.	8.75
Table without tops	12.50

Special Drawing Boards quoted on request.

NOTE

Vises in accordance with your specifications furnished at additional cost.

We also manufacture vocational tables and table tops as well as general utility and home economics tables.

Quotations for any tables, benches, or tops furnished upon request. Please include specifications with inquiry.

MACHINIST BENCH



MM-1

A machinist bench designed for use in shops, schools and technical institutions; solid maple construction; can be had in 6 or 8 drawers, with or without locks.

SIZE: Top—49 in. x 22 in. x 2 1/4 in. thick edge grained hard maple. Case—36 in. x 20 in. Overall height—32 in. Weight—160 lbs.

CASE: 1 in. solid maple side and rear panels. Exceptionally sturdy construction. Drawers slide on sturdy frames securely fastened to side and rear panels. Bottom rail 2 1/2 in. x 1 3/4 in. solid maple. Top rail 2 in. x 1 3/4 in. solid maple.

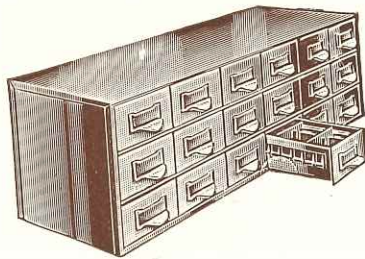
FINISH: All exposed edges and surfaces sanded and finished three coats clear lacquer.

DRAWERS: Maple front with maple drawer pull. Size 16 in. x 18 in. x 5 in. Poplar sides, dovetail construction; plywood bottom.

SHIPPED: Assembled in single enclosed carton.

Price: \$81.25

LYON Drawer Case Units and Cabinets



18 Drawer Unit

No. 2362

34¼ in. wide, 11 in. deep, 10⅝ in. high.
Drawer size approximately 5½ in. wide,
10¾ in. deep, 2¾ in. high.
Each drawer equipped with 2 dividers.

Price.....\$18.65

Weight 64 lbs.

No. 2363

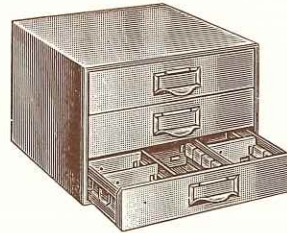
34¼ in. wide, 17 in. deep, 10⅝ in. high.
Drawer size approximately 5½ in. wide,
16¾ in. deep, 2¾ in. high.
Each drawer equipped with 2 dividers.

Price.....\$20.95

Weight 85 lbs.

No. 2364

Extra dividers for above drawers....\$.07



3 Drawer Parts Case

Used on benches, shelves or counters for small parts. Drawers fitted with combination pull and labelholder. Each drawer is separated into 3 compartments with 3 adjustable dividers each. Dividers and back of each compartment punched to hold label. Stops prevent drawers from being pulled out and spilled. Finish—Lyon Green baked-on enamel.

No. 2385

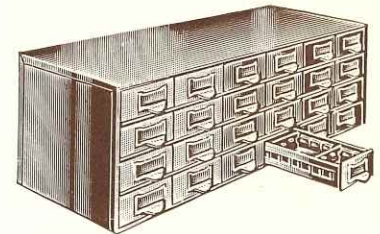
11¾ in. wide, 11⅞ in. deep, 7¾ in. high.
Drawers approximately 2½ in. high.

Price.....\$6.65

Weight 18 lbs.

No. 2386

Extra dividers, per pkg., 8 lbs.....\$3.00



24 Drawer Unit

No. 2365

34¼ in. wide, 11 in. deep, 10⅝ in. high.
Drawer size approximately 5½ in. wide,
10¾ in. deep, 2 in. high.

Each drawer equipped with 2 dividers.

Price.....\$22.95

Weight 71 lbs.

No. 2366

34¼ in. wide, 17 in. deep, 10⅝ in. high.
Drawer size approximately 5½ in. wide,
16¾ in. deep, 2 in. high.

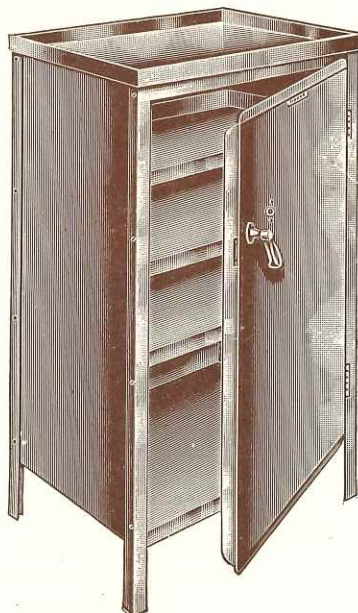
Each drawer equipped with 2 dividers.

Price.....\$25.50

Weight 94 lbs.

No. 2367

Extra dividers for above drawers....\$.06



Tool Stand Cabinet

Furnishes small working surface and space to lock up blueprints, drawings, valuable tools, dies, precision instruments, etc.

Three shelves adjustable every 2 inches.

Working area is 315 square inches—shelf area under lock and key 9 square feet.

Top easily reversed to give a flat working surface.

Finish—Lyon Green baked-on enamel.

No. 3010—21½ in. wide, 15½ in. deep, 34 in. high.

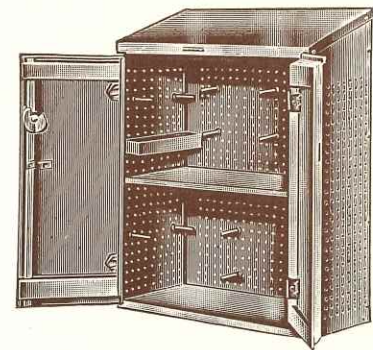
Price.....\$19.25

Weight 74 lbs.

No. 3011—(With casters) 21½ in. wide, 15½ in. deep, 37 in. high.

Price.....\$21.10

Weight 76 lbs.



Hanging Cabinet

Wherever storage space is at a premium the Lyon Hanging Cabinet may be hung on the wall above a bench or close to the job—keeping tools within reach without using valuable working space.

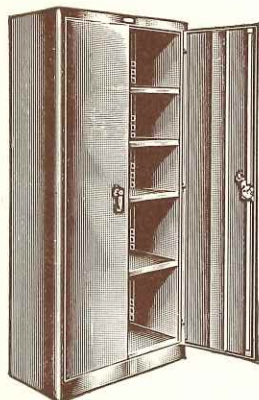
Sides and back punched every inch for 2½ in. pegs. Three point latching device with padlock attachment. (Padlock not furnished.) Complete with shelf, socket tray and 25 adjustable pegs. Finish—Lyon Green baked-on enamel.

No. 3020—24 in. wide, 12 in. deep, 33 in. high overall.

Price.....\$18.50

Weight 52 lbs.

LYON Steel Cabinets



Modern Styling Includes Rounded Front Corners.

3-Point Locking Device

Polished Chrome Handles and Built-in Locks

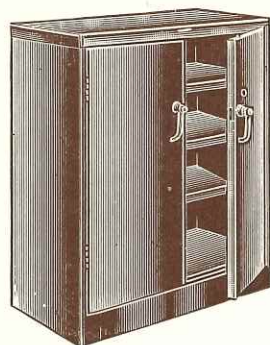
No Bolt Heads on Front or Sides

Finish—Lyon Green Baked-on Enamel

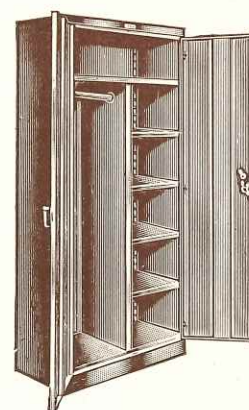


	Price	Wt.
No. 1000— 36" wide, 21" deep, 78" high (Shipped set up)	\$51.45	174 lbs.
No. 1001— 36" wide, 21" deep, 78" high (Shipped knocked down)	44.15	170 lbs.
No. 1050—Extra shelf	2.15	10 lbs.
No. 1070—Shelf reinforcement	1.25	5 lbs.

	Price	Wt.
No. 1030— 18" wide, 21" deep, 30½" high..... (Shipped set up)	\$23.70	57 lbs.
No. 1052—Extra shelf	1.60	5 lbs.



	Price	Wt.
No. 1040— 36" wide, 21" deep, 42" high (Shipped set up)	\$38.75	132 lbs.
No. 1041— 36" wide, 21" deep, 42" high (Shipped knocked down)	36.50	132 lbs.
No. 1050—Extra shelf	2.15	10 lbs.



	Price	Wt.
No. 1010— 36" wide, 21" deep, 78" high (Shipped set up)	\$53.85	178 lbs.
No. 1011 36" wide, 21" deep, 78" high (Shipped knocked down)	46.70	174 lbs.
No. 1052—Extra half shelf	1.60	5 lbs.

LYON Steel Bin Units



No. 3800

5 Bins—36 in. wide, 12 in. deep, 12 in. high

1 Bin—36 in. wide, 12 in. deep, 15 in. high

Most adaptable of all bin units.
Ideal for nearly all parts and merchandise display.

Price.....\$22.00

Weight 114 lbs.

Lyon Bin Units have widespread application for storage and display of parts or small bulk or packaged items.

Dividers in all bins are adjustable horizontally, every inch using Lyon patented "Snap-ins"—no nuts, bolts or tools required.

Shelves are adjustable up and down every 1½ inch where dividers are not used.

Double beaded uprights add an attractive "finishing touch."

ALL BIN UNITS ARE 3 FEET WIDE—I FOOT DEEP
6½ FEET HIGH

Finish—Lyon Green baked-on enamel.

Other Bin Sizes Available

Upon Application.

No. 3810

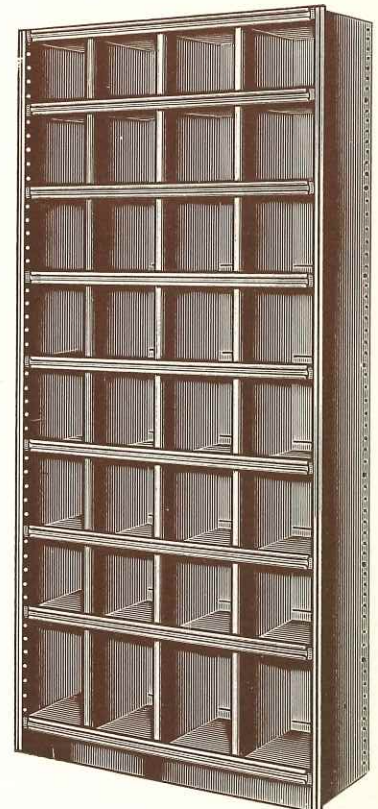
28 Bins—9 in. wide, 12 in. deep, 9 in. high

4 Bins—9 in. wide, 12 in. deep, 12 in. high.

For larger items, not in cartons, which must be kept separated.

Price.....\$31.75

Weight 150 lbs.

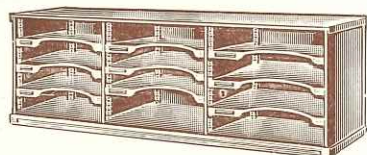


LYON Blueprint and Sorting Files



	Price	Wt.
No. 1200 Flat Drawer File (no lock) 27 $\frac{3}{4}$ " wide, 21 $\frac{3}{4}$ " deep, 17" high	\$45.25	152 lbs.
Use No. 1202 Sanitary Base	9.45	29 lbs.
Use No. 1203 Closed Base	9.65	23 lbs.
No. 1210 Flat Drawer File (no lock) 40" wide, 27 $\frac{3}{4}$ " deep, 17" high	59.65	213 lbs.
Use No. 1212 Sanitary Base	11.50	39 lbs.
Use No. 1213 Closed Base	11.60	30 lbs.

	Price	Wt.
No. 1220 Flat Drawer File (no lock) 44" wide, 33 $\frac{3}{4}$ " deep, 17" high	\$72.25	253 lbs.
Use No. 1222 Sanitary Base	12.45	44 lbs.
Use No. 1223 Closed Base	12.60	38 lbs.
No. 1230 Flat Drawer File (no lock) 52 $\frac{3}{4}$ " wide, 40 $\frac{1}{4}$ " deep, 17" high	103.00	359 lbs.
Use No. 1232 Sanitary Base	14.25	51 lbs.
Use No. 1233 Closed Base	14.40	45 lbs.



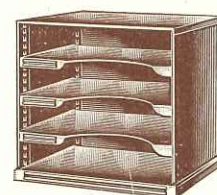
TRIPLE SECTION

Sorting files are real time savers for sorting operations and for keeping reference material right at the finger tips. Fit into Lyon 1000 Series Storage Cabinets and Lyon Steel Shelving.

Shelves are adjustable every half inch without tools. Shelves may be tilted.

Labelholder on each shelf. Full length labelholder at bottom. Finish—Lyon Green baked-on enamel.

No. 1300—	Price	Wt.
33 $\frac{3}{8}$ " wide, 11 $\frac{3}{4}$ " deep, 10 $\frac{5}{8}$ " high.	\$10.60	32 lbs.



SINGLE SECTION

The single section sorting file is used when only a few compartments are needed, or where space is limited.

Makes a neat mail rack for office desks. Shelves are adjustable without tools. Shelves may be tilted.

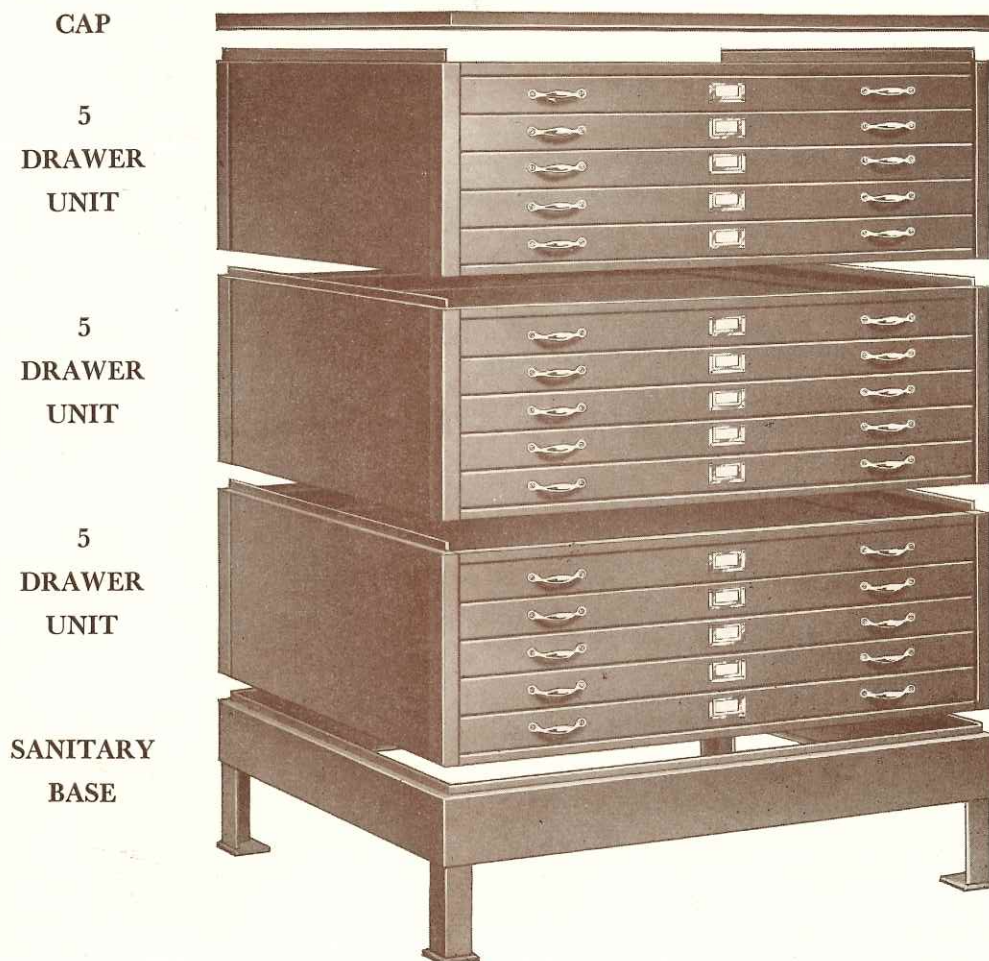
Labelholder on each shelf. Full length labelholder at bottom. Two keyhole slots in back permit hanging unit on wall. Finish—Lyon Green baked-on enamel.

No. 1301—	Price	Wt.
11" wide, 11 $\frac{3}{4}$ " deep, 10 $\frac{5}{8}$ " high.	\$4.95	13 lbs.
No. 1310—Extra Shelves	.55 ea.	2 lbs.

Steel Filing Cabinets

Protect and File

BUILDING BLUE PRINTS



SIZE	SIZE	SIZE
24"x36"	30"x42"	36"x48"
Each Cap		
\$12.50	\$14.00	\$18.00

Each 5 Drawer Unit		
\$87.50	\$100.00	\$124.00

Drafting room equipment, manufactured by Hamilton, is unexcelled in design and quality. Made from heavy steel, finished in green. Other files available in oak lumber, in light color finish. Other drawer arrangements can be supplied.

Each Sanitary Base		
\$7.50	\$7.50	\$7.50

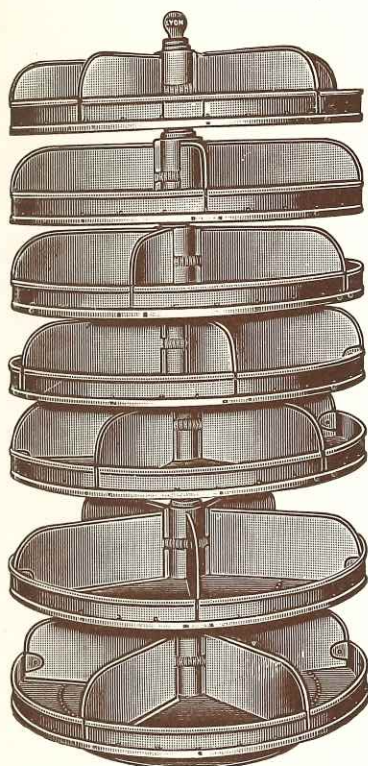
Each Flush Base		
\$10.50	\$12.50	\$12.50

12 Reasons Why Hamilton Steel Filing Units Are Better

1. Pantasote Cover Compressor. An exclusive Hamilton feature that helps keep contents clean and flat.
2. Non-Sagging Drawers.
3. Interlocking units of the same line number.
4. Safety Stop. Drawers cannot be pulled out accidentally.
5. Rear Hood; tracings will not creep over back of drawer.
6. Roller Drawers; another Hamilton exclusive feature that assures smooth drawer action.
7. Self-Guiding Runs; no jamming of drawer in motion.
8. Triple Wall Drawer Fronts; for greater strength.
9. Pre-Punched for Dividers. To accommodate smaller size tracings.
10. Rigid Frame Construction. Welded, extra strong to prevent sagging.
11. Sturdy Pulls, properly spaced.
12. Large label holders, for easy-to-read labels.

Above Prices Delivered Your Railroad Station

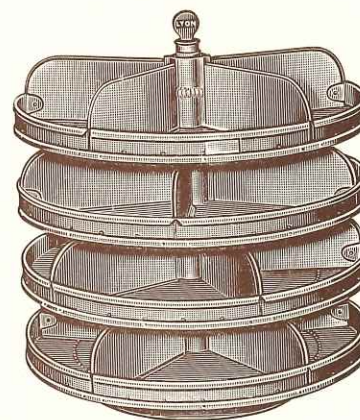
LYON Revolving Bins and Tool Storage Units



*Save Time—Save Steps—Speed
Up Service and Increase
Visibility and Availability
of Stored Parts*

*Shelves Revolve Easily in Either
Direction on Ball Bearing
Rollers*

*Shelves Are Stabilized to Prevent
Sagging When Unevenly
Loaded
Broad Base Prevents
Tipping*



The 4-shelf unit is exactly the same construction as the 7-shelf unit but is only 37 $\frac{1}{2}$ in. high. Height permits it to be used under Lyon counter type shelving or any counter 39 in. high. Revolving shelves bring each opening out in full view and within easy reach.

Finish—Lyon Green baked-on enamel.

No. 3953—34 in. diameter x 37 $\frac{1}{2}$ in. high.

Price.....\$49.70

Weight 230 lbs.

7 SHELF UNIT

Lyon 7-shelf Revolving Bins provide ideal storage for bulk stock, parts, nuts, bolts, screws, etc. Revolving bins are complete storage units in themselves or may be used to supplement Lyon shelving installations.

Each shelf has 5 permanent dividers. Up to 5 additional dividers can be added to separate each bin into smaller openings. Each shelf has continuous labelholder.

Finish—Lyon Green baked-on enamel.

No. 3950—34 in. diameter x 65 $\frac{1}{2}$ in. high.

Price.....\$77.35

Weight 352 lbs.

Note wide spacing on two bottom shelves for full visibility and quick availability. Top 6 shelves may be lowered to make room for an additional shelf space is at a premium.

No. 3959—Extra shelf.

Price.....\$11.30

Weight 36 lbs.



SLOPING SHELF UNIT

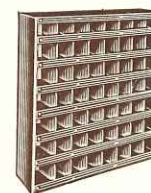
Has 108 compartments on 8 shelves. Labelholders on each shelf. Finish, Lyon Green enamel.

No. 4190

34 $\frac{1}{4}$ in. wide, 17 $\frac{1}{2}$ in deep, 37 $\frac{5}{8}$ in high

Price\$35.10

Weight 120 lbs.



PIGEON HOLE UNIT

Provides 56 openings 9 in. deep on 7 shelves. Shelf dividers adjustable every inch with patented "snap-ins". Finish, Lyon Green.

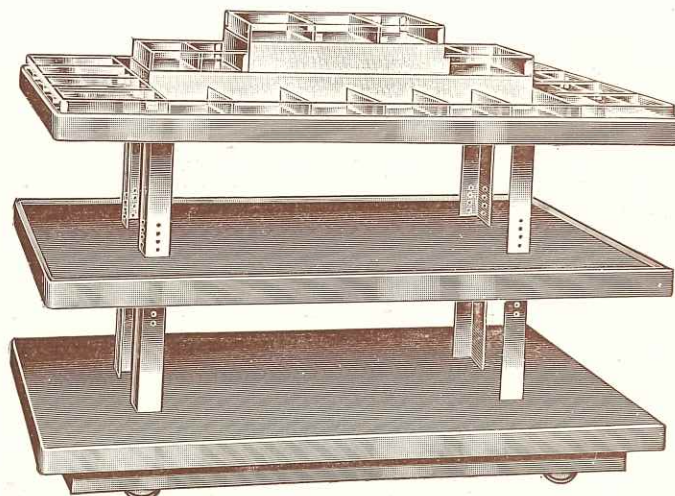
No. 4192

34 $\frac{1}{4}$ in. wide, 9 in. deep, 37 $\frac{5}{8}$ in. high.

Price\$21.80

Weight 75 lbs.

LYON Merchandising Table and Service Counter



A Distinctive Modern Merchandising Table

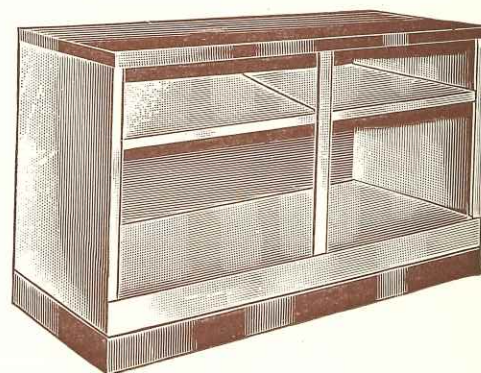
That steps up sales through "sight selling" appeal. Top and center shelf have built-in rails for any type of merchandise display. Glass bin top with riser provides compartments for open display. Center shelf is adjustable. Available with or without casters. Finish light tan baked-on enamel—base black enamel.

	Price	Weight
No. 6400 Table (with casters)	\$53.65	212 lbs.
60 in. long, 30 in. wide, 34 in. high		
No. 6401 Table (no casters)	51.15	210 lbs.
60 in. long, 30 in. wide, 33 in. high		
No. 6402 Glass Assortment	25.10	54 lbs.
(includes steel risers)		

An Ideal Cash, Wrap and Service Counter

Interframe construction gives solid support for cash registers and assures lasting rigidity. Features include (1) flush composition top, (2) inset base for customer toe space, (3) two half-length shelves adjustable independently every inch. Finish—two-tone tan baked-on enamel. Base is enameled black.

	Price	Weight
No. 6410—72 in. long, 24 in. wide, 39 in. high....	\$57.90	275 lbs.



Another
Winner by

Medart

MAKERS OF THE WORLD FAMOUS MEDART
BASKETBALL SCORER AND TIMER
Over 4,000 in Use



Football Scorer and Timer

PATENT OFFICE

AUG 14 1951

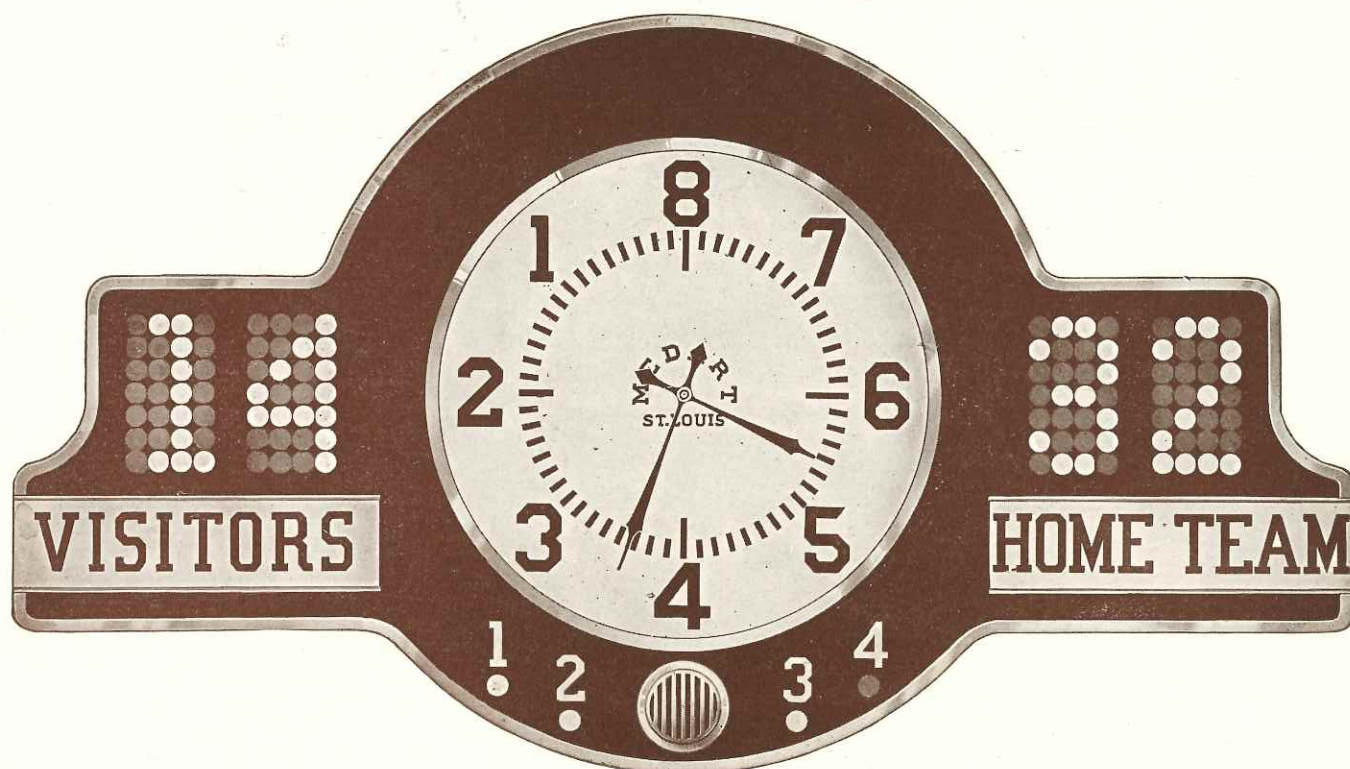
DESIGN DIVISION

Here it is . . . the Medart Football Scorer and Timer . . . factory tested for hundreds of hours (including outdoor weather tests) . . . and field tested during the season just past. This means that mechanically and in design the Medart Football Scorer and Timer is "right" from the standpoint of operation and daylight visibility . . . features that insure accuracy and durability. The Medart Scoreboard is EXTRA large . . . 20 feet long and 16½ feet high. All numeral blocks are 2 feet high by 13½ inches wide. Records time in minutes and seconds with time left to play diminishing automatically each second. All steel construction with numeral blocks weather-proofed. Reset mechanism permits setting time from 15 minutes down to any length of time desired. The Medart Scorer and Timer is such an improvement over existing ones that seeing it before you make your scoreboard investment is a "MUST"!

Write for Descriptive Literature and Prices

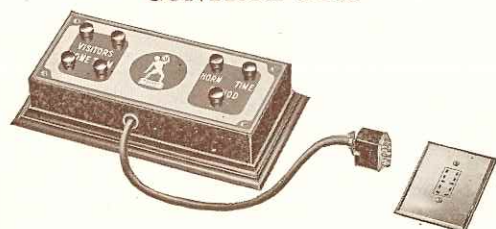
MEDART Automatic Electric Score Board and Time Clock

. . . usual broadcaster for big-time basketball



Sixty-seven years of manufacturing experience, efficient plant facilities, skilled craftsmen, and unlimited purchasing power, combine to make possible the low prices on this item. Many scoreboards selling at a much higher price lack the features that distinguish Medart Basketball Scorer and Timer . . . Score numerals (0 to 99) are 8½ inches high and operate on instantaneous electric-magnetic switches, which are controlled from the single, compact, scoring and timing control box . . . Individual aluminum reflectors behind the 6-8 volt "star-bright" lamps, which are recessed, broadcast the scores sharply and to every part of the gym. Outlet box (for either wall recessed or exposed installations) with 10 connector plug flush plate, included . . . Wall brackets for installing supplied . . . Net weight 90 lbs. (uncrated).

CONTROL BOX



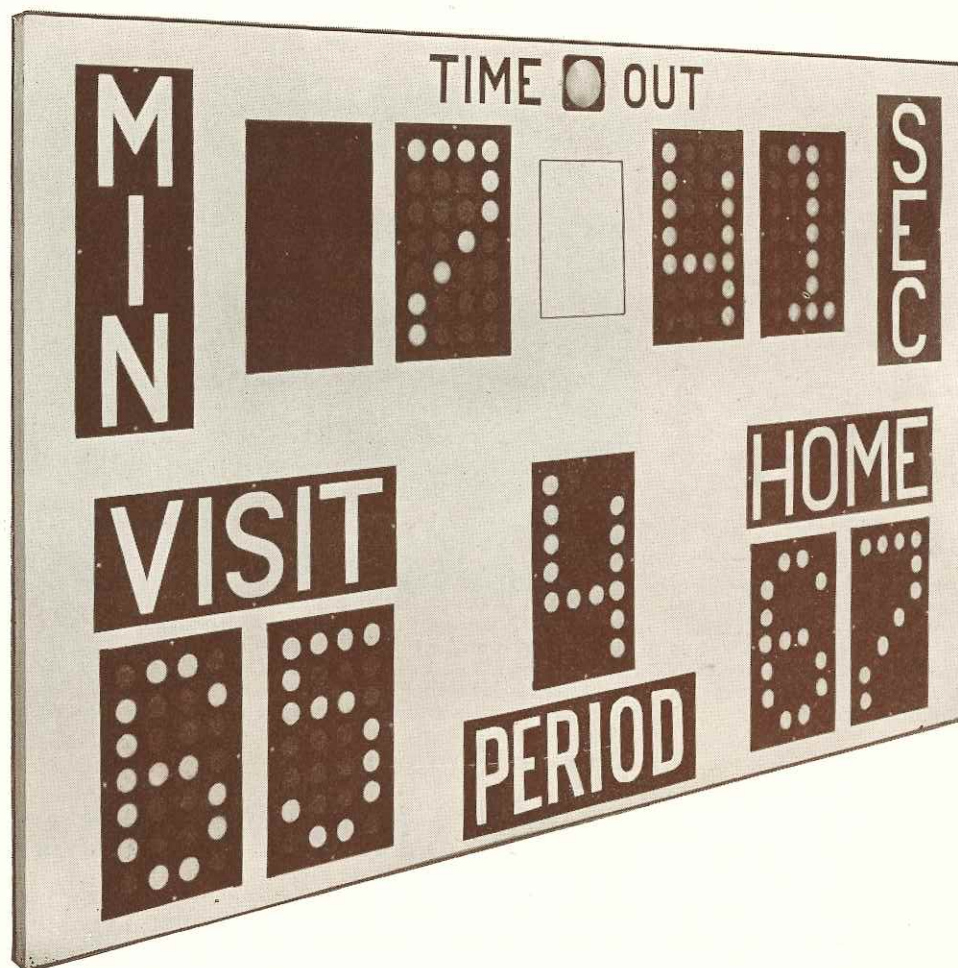
Size 11½ in. long, 6 in. wide and 2½ in. high. Equipped with 7 plainly marked push buttons for complete control of Scorer and Timer and with 15 feet of cable and 10 terminal connector plug for attachment to outlet box. A compact, efficient and attractively finished scoring and timing control instrument.

INCLUDES EVERY NECESSARY FEATURE

Automatic-electric throughout. Flashes the score as fast as fingers can operate the control box. Large 8½ inch easily read score numerals . . . Broadcasts accurately—every second of time on the extra large (27 in.) clock face . . . "Dead-stop" brake for time-out interruptions . . . Removable team name cards, 24 in. long x 5¾ in. high. Letters 4 in. high. "Home Team," "visitors" and 3 blank cards supplied . . . Individual red signal lamps and easily read numerals immediately below the clock face indicate period (or half) . . . Extra loud vibrator type horn . . . All metal cabinet—precision, trouble-free mechanism easily installed (complete instructions supplied). Guaranteed against all defects for one year . . . The Medart Scorer and Timer is equaled by few, if any, and is offered at a much lower price than the average scoreboard.

The No. 1000 Model is only one of several fine scoreboards manufactured by Medart. Literature and prices on the Complete Medart Scoreboard Line available upon request.

MEDART Electric Basketball Scorer and Timer



Eliminates need for different clock faces . . . Reset mechanism permits periods to be changed from 20 minutes to 15 minutes, then to any minute down to 1 . . . Records time in minutes and seconds, with time left to play diminishing automatically each second! . . . No need to follow the hand around a clock, the big figures tell the story! . . . All numeral blocks are 12½ in. high x 7 in. wide. for easy visibility from all parts of the gym . . . All scoring and period numeral blocks operated by push button control . . . Time-out signal lights automatically when time is stopped . . . All steel board is 78 in. wide x 50 in. high and is finished in white baked enamel with colored lamacoid faces over numeral blocks . . . Title blocks indirectly illuminated . . . Easy to install and operate—no

electrical connections to make—just plug in! . . . Two extension plugs from junction box, one plugs into 110-volt circuit and the other plugs into control box on scorer's table . . . Entire board can be serviced from the front . . . All scoring and period numeral blocks are interchangeable . . . Horn is portable and plugs into timer control box at scorer's table . . . Horn automatically signals the end of each period or may be manually operated from control box . . . Lamps are standard and can be purchased locally . . . Blank presentation plate furnished for attachment to either top or bottom of board. The student body, the team and the basketball fans in your community will acclaim your new Medart Scorer and Timer as a real "Big League" addition!

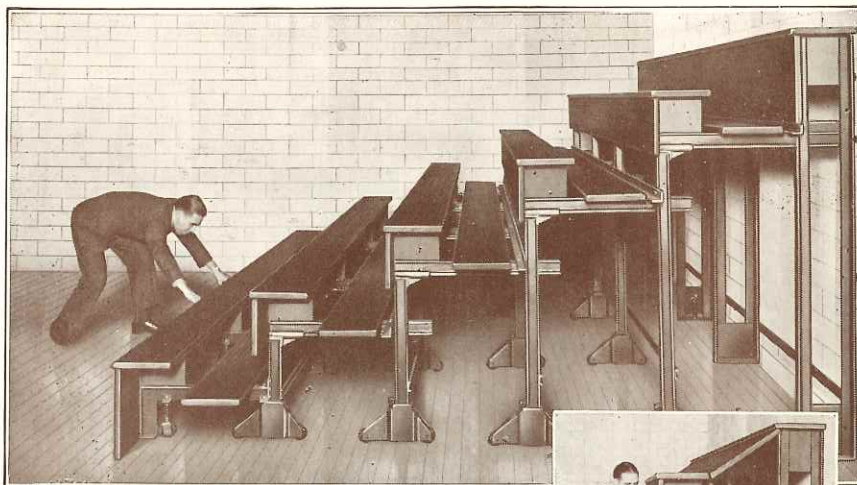
No. 3500—Basketball Scoreboard with Horn, Timer and Scoring Control
Boxes, with 15 feet of Multiple Lead Cable.....\$495.00

No. 3501—Multiple Lead Cable.....per ft. 0.32

MEDART Telescopic Gym Seats

WITH FLOATING LOCOMOTION

Outstanding among the many features of this modern seating is the ease with which seats glide in and out of the "nested" position, in one operation. Use of the telescopic principle eliminates the need for any counterbalance mechanism (springs) and consequently there is nothing to lift up or to pull down; no closure panel and no possibility of any parts of the seats falling on the operator. Understructure is of steel; all lumber parts are full length (not pieced) and are of substantial thickness (even the risers are solid, full-length selected lumber—no flimsy material used anywhere in the construction). When Medart Gym Seats are installed in a gymnasium, it is possible to quickly and easily provide a bench with a comfortable backrest for dances or special classes of instruction by simply withdrawing the one (lower) row of seats from the "nested" position, thus eliminating the need for folding chairs or other auxiliary seating. Medart Gym Seats are fully approved and recommended by the structural engineering department of one of our leading universities as a result of an exhaustive analysis and of actual tests made by these authorities. Write for Catalog GS-3.



WALL-ATTACHED TYPE

Permanently attached to the wall and anchored to the floor, this type of seat occupies a minimum of 32 in. of floor space when in the closed or "nested" position. No special wall reinforcement required as all the load is transmitted to the floor, rather than to the wall. Rows of seats glide in and out of the closed position with minimum effort.

MOVABLE TYPE

As implied by the name, this type is intended for use when it is impossible or impractical to permanently attach the seats to the wall and floor. Each section travels on four 3½ in. heavy-duty, double-roller casters. When located in desired position, the metal base is lowered to rest securely on floor and seats may then be withdrawn to the open position.



PRICES UPON APPLICATION

MEDART BACKBOARDS and GOALS



In all the illustrations the installations are shown with rectangular-shaped backboards. Backstops can be supplied with plywood or glass rectangular-shaped backboards, or fan-shaped steel backboards. The latter are official by ruling of the National Basketball Committee of the United States and Canada.

Medart Steel Fan-shaped Backboards have many superior and exclusive features:

1. ONE-PIECE STEEL CONSTRUCTION—Will not splinter, warp, crack or bulge.
2. SMOOTH, UNBROKEN SURFACE—Eggshell white baked enamel finish.
3. DEEP 1½ IN. SIDE FLANGE—Pressed from same piece of steel as banking surface.
4. SMOOTH, ROUNDED EDGES—Not a single raw edge to mar the basketball cover.

5. 3 IN. WIDE "H" TYPE, CHANNEL SHAPED STEEL BRACES—Two horizontal and one vertical, securely welded to the backboard and to each other, providing absolute rigidity and an equal degree of bracing to the entire banking surface.

6. FOUR SETS OF 2 FLOATING ATTACHMENT LUGS—Only Medart Backboards provide adjusting lugs or bolts so that new backboards may easily be attached to old braces. Each bolt has a horizontal play of 1¾ in. and the spacing on each pair may be adjusted from 2½ in. to 6 in.

This backboard is modified in size (54 x 35 in.) and different in shape, but is fabricated to the same degree of perfection as the old Medart backboard.

No. 1100—Backboard....\$27.00 ea.; \$54.00 pr.

No. 1150A—Goal.....\$ 6.75 ea.; \$13.50 pr.

THE GOAL

Medart has prepared a booklet illustrating all of the popular types of backstop installations, and including helpful suggestions for making the change-over to the modified backboard. A copy of this booklet, "Replacing Your Basketball Backboard", is yours for the asking.

The Medart No. 1150A Goal has been especially designed for use with the Medart modified backboard and is official in every respect. It includes the exclusive Medart "Slip-On" net attachments on the underside of the ring that permits attaching the net to the goal without the need of lacing them together—"Just slip it on!" The Medart No. 1150-A Goal complete with official heavy cotton cord net is packed two to the carton. For absolute satisfaction insist on the Medart STEEL BACKBOARD (No. 1100) and its companion requisite the Medart No. 1150-A Goal.

MEDART Steel Wardrobes

PATENT OFFICE

AUG 14 1951

DESIGN DIVISION

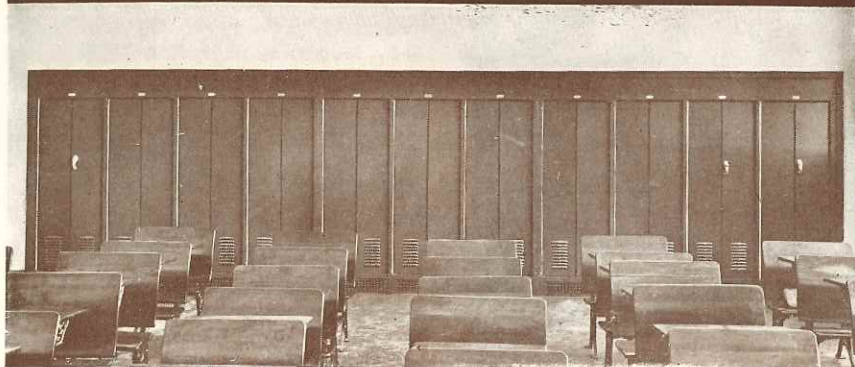
The Modern Thought

In Elementary School

Wardrobes

MEDART LOCKEROBES

Steel Wardrobes for Elementary Schools



The Medart Lockerobe Installed

Space wasting cloakrooms and less efficient wardrobes are rapidly giving way to the modern thought in elementary school wardrobe equipment—The Steel Medart Lockerobe . . . First introduced in 1933. Lockerobes are now efficiently and economically performing greater service in every part of the country. Modern expectations of strict sanitation, classroom quiet, orderliness and efficiency, freedom from maintenance expense and reduction of fire hazard are fully met when Lockerobes are installed.

PLANNED STORAGE FACILITIES

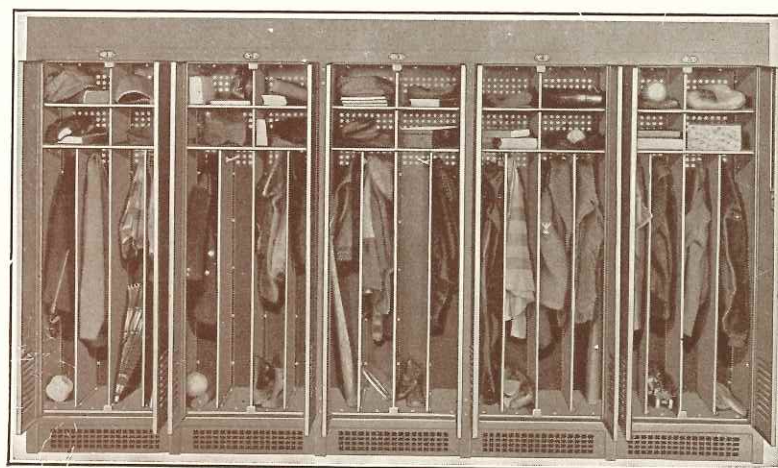
A Popular Arrangement

Providing Individual

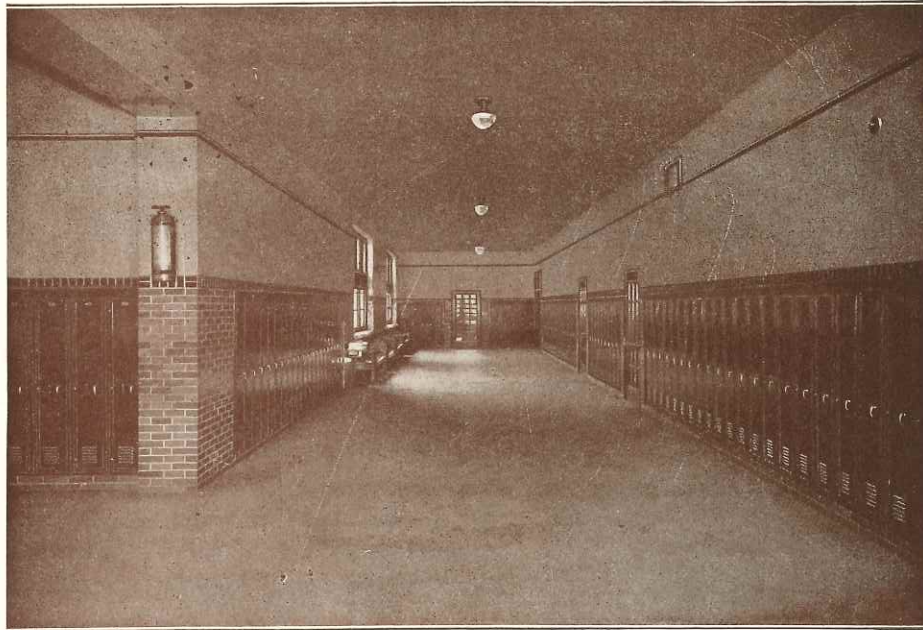
Compartments

The illustration at the right shows a popular interior arrangement, providing individual coat and hat compartment for each pupil. Special interior arrangements may be had to meet specific requirements. . . . The Lockerobe is a complete self-contained assembly with all parts finished at the factory and interchangeable. May be had recessed or free-standing. When recessed, Lockerobes require a recess depth of only 16 inches. This dimension when contrasted to that required by conventional type wardrobes represents an unusual opportunity to reduce classroom cubage and cut building costs. Recess may be left unfinished.

A Typical Interior Scene

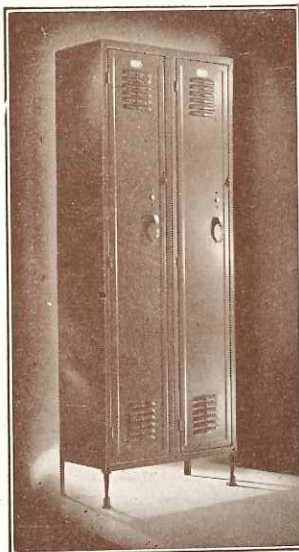


MEDART Steel Lockers



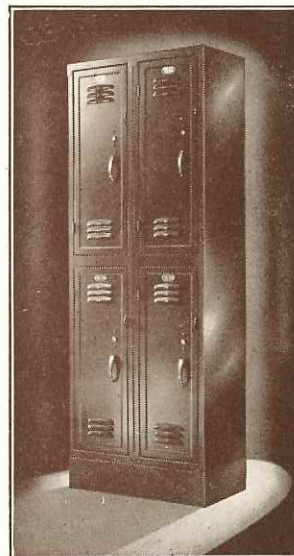
MEDART STEEL LOCKERS

More than sixty years of manufacturing experience is reflected in the high quality of Medart Steel Lockers. Every extra Medart feature (many of which are exclusive) has a definite purpose and is indispensable in providing the exceptional degree of service and satisfaction which only Medart Lockers deliver. Sizes and types are available for every school purpose. School officials and School Architects have long referred to Medart Steel Lockers as "The Standard of Comparison."



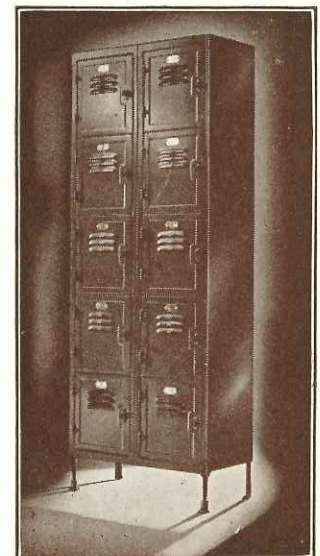
SINGLE-TIER LOCKERS

9 in. wide x 12 in. deep x 60 in. high
 9 in. wide x 15 in. deep x 60 in. high
 12 in. wide x 12 in. deep x 60 in. high
 12 in. wide x 15 in. deep x 60 in. high
 12 in. wide x 18 in. deep x 60 in. high
 15 in. wide x 15 in. deep x 60 in. high
 15 in. wide x 18 in. deep x 60 in. high
 12 in. wide x 12 in. deep x 72 in. high
 12 in. wide x 15 in. deep x 72 in. high
 12 in. wide x 18 in. deep x 72 in. high
 15 in. wide x 15 in. deep x 72 in. high
 15 in. wide x 18 in. deep x 72 in. high
 18 in. wide x 18 in. deep x 72 in. high
 18 in. wide x 24 in. deep x 72 in. high



DOUBLE-TIER LOCKERS

9 in. wide x 12 in. deep x 36 in. high
 9 in. wide x 15 in. deep x 36 in. high
 12 in. wide x 12 in. deep x 36 in. high
 12 in. wide x 15 in. deep x 36 in. high
 15 in. wide x 15 in. deep x 36 in. high
 12 in. wide x 12 in. deep x 42 in. high
 12 in. wide x 15 in. deep x 42 in. high
 15 in. wide x 15 in. deep x 42 in. high



BOX LOCKERS

12 in. wide x 12 in. deep x 12 in. high
 (5 tiers high)
 12 in. wide x 12 in. deep x 12 in. high
 (6 tiers high)
 12 in. wide x 15 in. deep x 12 in. high
 (5 tiers high)
 12 in. wide x 15 in. deep x 12 in. high
 (6 tiers high)
 15 in. wide x 15 in. deep x 15 in. high
 (4 tiers high)
 18 in. wide x 18 in. deep x 12 in. high
 (5 tiers high)
 18 in. wide x 18 in. deep x 12 in. high
 (6 tiers high)

WIRE BASKETS AND WIRE BASKET SHELVING

Wire basket systems can be used in place of box lockers in gymnasiums where absolute security is not an important feature. Medart Wire Baskets and Wire Basket Shelving are made in a wide range of sizes and types and can be fitted to any requirement. We will welcome an opportunity to offer suggestions for your wire basket system.

A "Lift" to Your Physical Education Program . . .

The MEDART Acromat-Trampolin

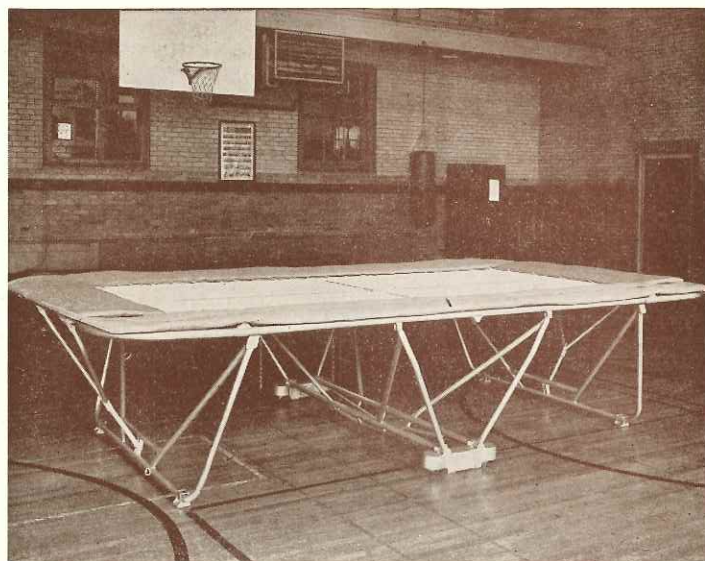
Give your Physical Education program a real "lift" with the fun-appeal of the Medart Acromat-Trampolin. Youngsters of all ages take to it like the proverbial "duck" takes to water! The Acromat-Trampolin is designed to be used as an integral part of your Physical Education program as well as a separate recreational activity. Performance on the trampoline has long been recognized by leading gymnasts as one of the most practical means of developing body control and muscular coordination. Medart believes that in the Acromat-Trampolin it has developed a needful, practical piece of gymnasium equipment . . . an investment that will pay great dividends in developing physical fitness . . . and in renewed enthusiasm for physical education.

Each\$296.00

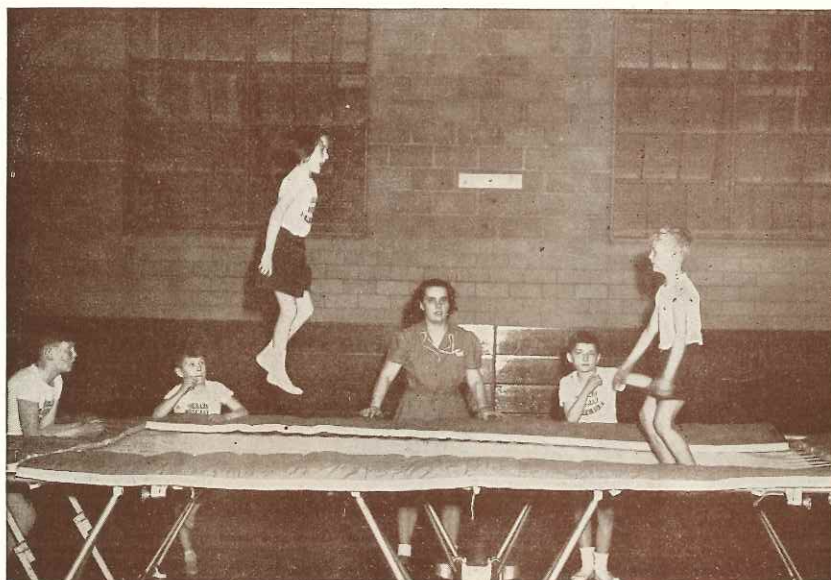
1-FP Frame Pad—Set..... 36.00

FREE!

Instruction Manual given with the purchase of the Acromat-Trampolin contains a complete outline of ACROMAT-ICS as a separate sports activity and explains in detail the use of the Acromat-Trampolin in the daily Physical Education program. If you would like to have this book without purchasing the Acromat-Trampolin the cost is \$3.75.



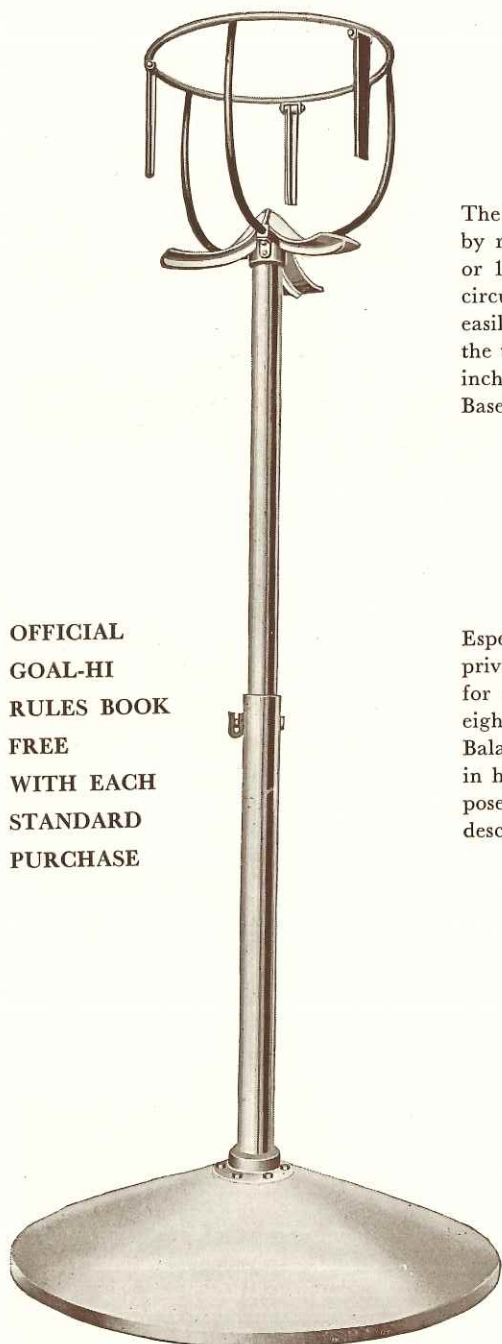
The Medart Acromat-Trampolin when set up ready for use provides a spacious bed 3 ft.-0 in. above the gym floor within a frame 7 ft.-7 in. wide by 13 ft.-10 in. long. Patented frame design permits quick and easy folding of the equipment into a compact unit 21 in. wide, 7 ft.-7 in. long and 5 ft. high. The entire unit automatically lifts onto rubber-tired casters as the frame is folded. The Medart Acromat-Trampolin as illustrated above is a rigidly built trampoline for heavy duty use, yet it can be folded and locked against unauthorized use and easily removed from the gymnasium floor.



GOAL-HI

America's Mass Play Game Fills a Need in Every Gym

Goal-Hi is a play-game—not a high speed sport . . . Goal-Hi appeals to every age-group, from the boys and girls of elementary school age to college men and women . . . Goal-Hi has been described as a "leadup game to basketball," and as such requires a healthful amount of running, stretching, leaping and skill of every player . . . Not as strenuous as regular basketball, Goal-Hi may be played entirely informal without loss of interest to the individual.



OFFICIAL
GOAL-HI
RULES BOOK
FREE
WITH EACH
STANDARD
PURCHASE

No. 907

OFFICIAL STANDARD No. 907

- *Movable Type*
- *Adjustable Height*

The most popular Goal-Hi Standard because (1) it can be easily rolled indoors or out-of-doors by reason of the circular base, and (2) because the basket may be raised or lowered to 8, 9 or 10-foot heights, thus permitting players of all ages to use the same equipment. The steel circular base is electrically welded and solidly braced to the pipe upright. Height adjustment easily made without tools. A hasp is provided for padlocking the pipe upright at any one of the three available heights, thus preventing unauthorized tampering with equipment. Eighteen-inch basket rim, 3-way conical projector and pipe upright finished in gray outdoor enamel. Base finished in red. Basket supports finished in black. Order by number and description.

OFFICIAL STANDARD No. 917

- *Permanent Type*
- *Adjustable Height*

Especially designed for permanent outdoor installation in school yards, public playgrounds, private yards, etc. The adjustable 8, 9 and 10-foot upright is equipped with a heavy base flange for anchoring in concrete. The pipe upright and the base flange are hot galvanized. The eighteen-inch basket rim and the 3-way conical projector are finished in gray outdoor enamel. Balance of basket finished in black. Unauthorized removal of top half of standard or change in height can be prevented by attaching a padlock to the hasp that is provided for that purpose. Complete installation instructions accompany each shipment. Order by number and description.



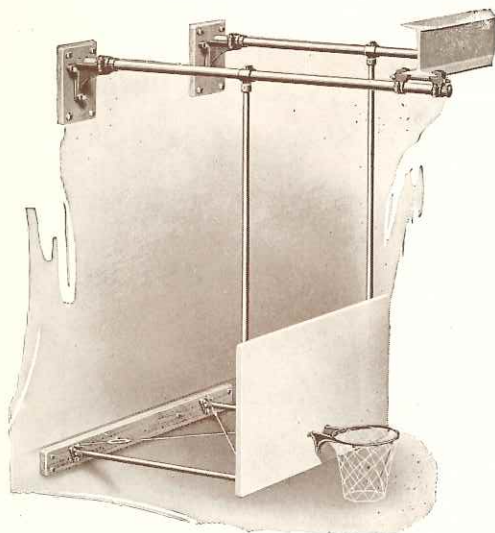
No. 908
GOAL-HI
Movable Type
Adjustable Height
\$40.00

No. 917
GOAL-HI
Permanent Type
Adjustable Height
\$32.00

MEDART Basketball Backstops

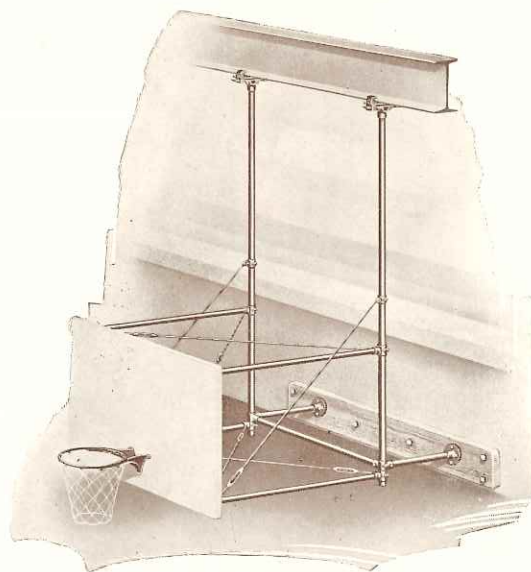
Basketball Backstop installations for new buildings require specialized engineering. Girder fittings, extensions, drops, guys, braces, and hoisting devices are planned according to individual structural conditions. Reinforced concrete beams and suspended plastered ceilings require advance planning of the correct type and number of pipe hanger girder fittings for both Backstops and Suspended Gym Apparatus. Such fittings should be specified in the general building contract so as to be in place before concrete is poured or ceilings closed in. A few standard Medart Backstops are shown on this page.

The Medart Engineering Department will completely plan Backstop installations for architects without cost or obligation. Send floor and elevation prints.

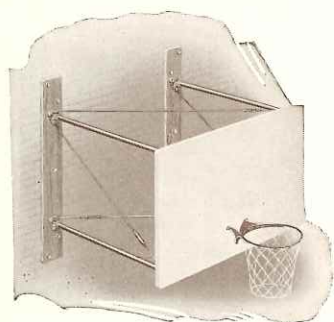


Suspended and Braced Type

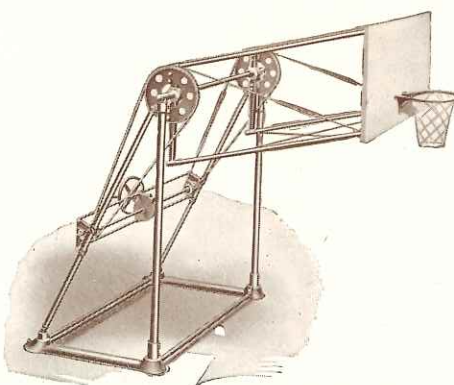
ANY
BACKSTOP
ILLUSTRATED
CAN BE
FURNISHED
WITH
FAN-SHAPED
BACK BOARDS
AS SHOWN
ON OPPOSITE
PAGE



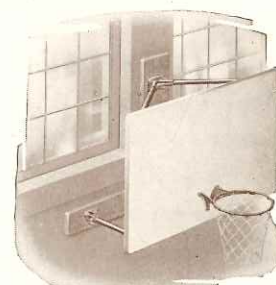
Suspended and Braced Type



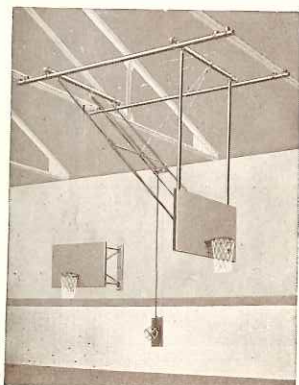
Wall Braced Type



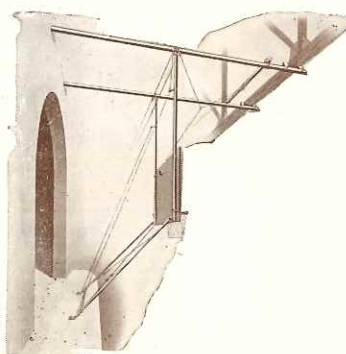
Field House Type



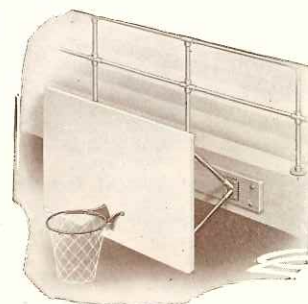
Wall Attached Type



Swing-Up Type

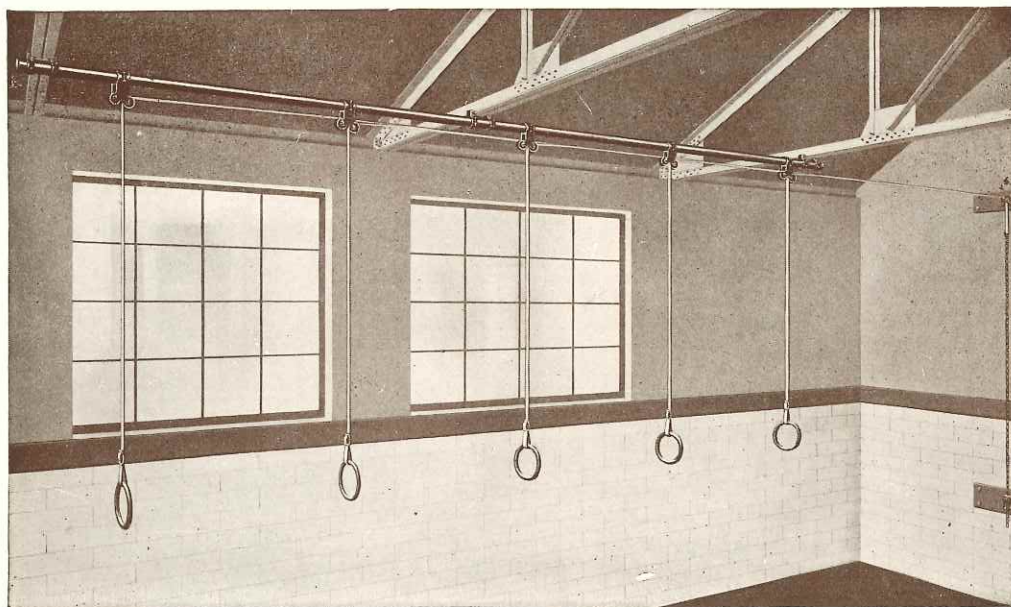


Stage Swing-Up Type



Balcony Type

Flying Rings



No. 154

TRAVELING RINGS

Adjustable

No. 75
HOIST ROPE

No. 112—PIPE AND HANGER

Shipping Weight 25 Lbs.—10 Lbs. per lineal foot

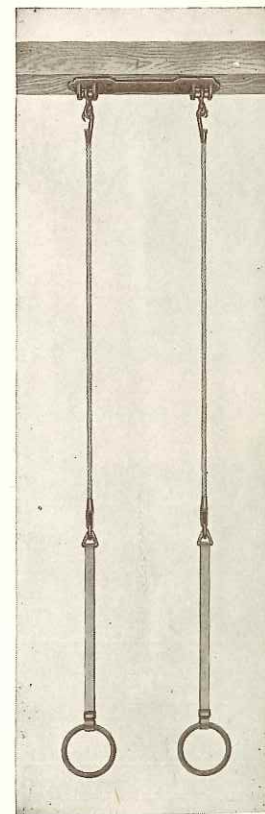
Can be instantly adjusted to any height. Five to seven rings can be arranged in one series. The rings are round, leather covered, 8-inch diameter, supported from heavy flat webbing. Rope supports which twist and prevent ring adjustment have been discarded in favor of this superior method. Uneven stretching of webbing drops is taken up by adjusting buckles. The absence of hooks and adjusting straps permits rings to be fully hoisted up to roller housings which space the ring drops 7 to 8 feet apart.

Traveling rings are usually laid out with the length of the gymnasium and 3-inch pipe and hangers are required to span adjacent girders. In some gymnasiums this pipe can be dispensed with and the rings suspended directly from one of the trusses with the swing of the rings following the line of the truss.

The supports are $\frac{5}{8}$ -inch Manila rope with adjustable webbing straps, suspended from roller bearing fittings. The rings are round, leather covered, 8-inch diameter.

No. 92—For Wood Ceiling Beams; also for Steel Girders. No. 290 Girder Clamps are required for steel beams.

Shipping Weight 45 Lbs.



No. 92

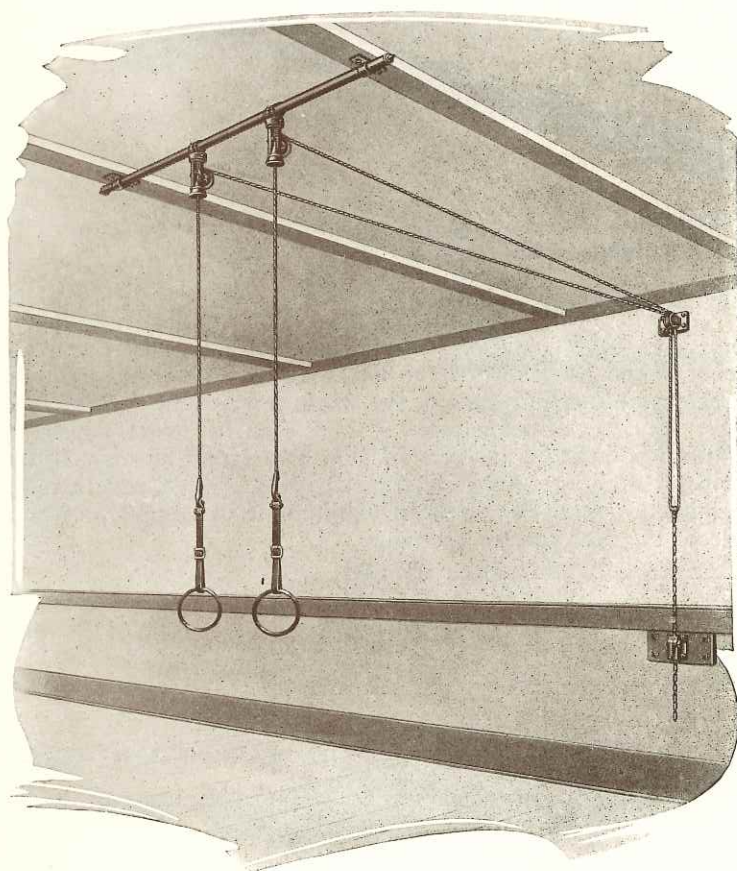
Flying Rings

Adjustable

Where the distance from the point of attachment to the back wall is at least equal to the ceiling height, this type of ring makes an excellent installation.

These rings are particularly desirable owing to their wide range of adjustment and the ease with which adjustments can be made. When not in use they can be raised to the ceiling.

The supports are $\frac{5}{8}$ -inch Manila rope with 10-inch leather covered rings and adjustable leather straps.



No. 94

No. 94 — For Wood Beams or Steel Girders.

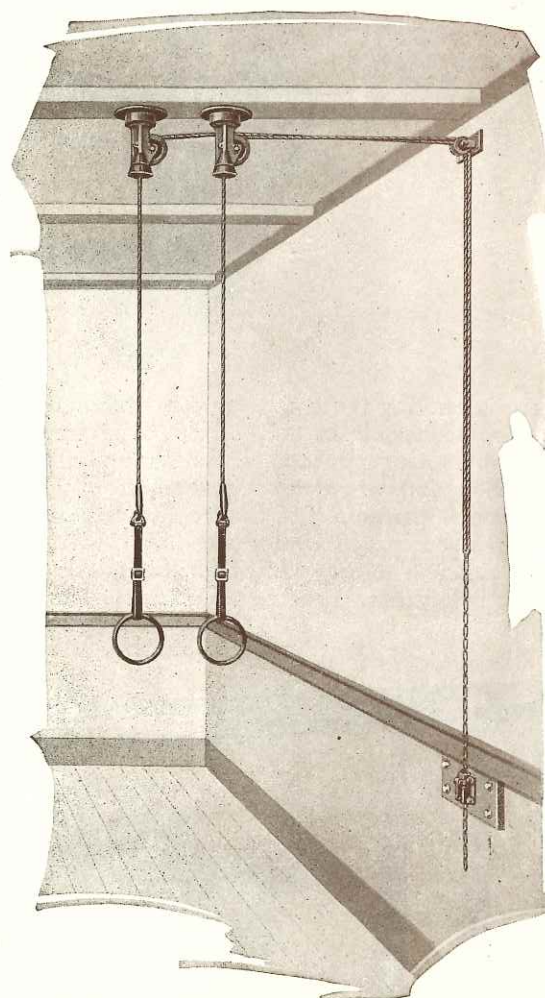
Shipping Weight 115 Lbs.

No. 82 — For 3-inch Pipe.

Adjustable

Identical to No. 94 Adjustable Flying Rings, except adjusting rope is attached to side wall. A number of rings can be attached to the same beam without interference of the adjusting ropes.

No. 95 — For Wood Beams or Steel Girders.



No. 95

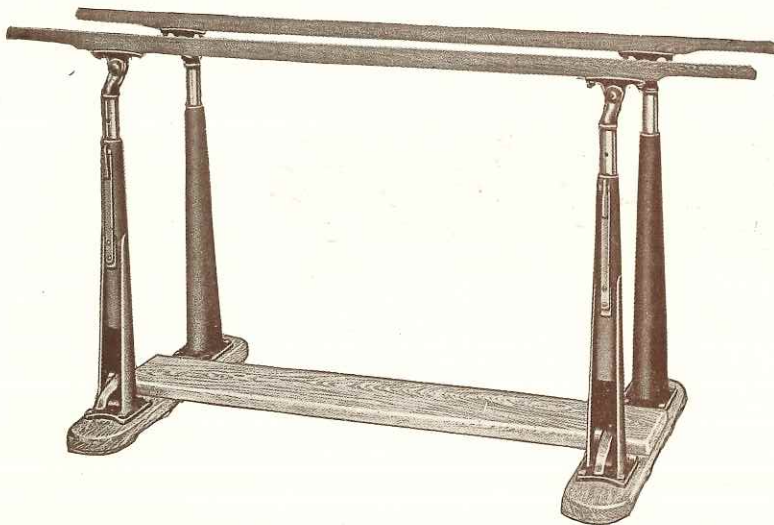
Shipping Weight 115 Lbs.

Parallel Bars



There is nothing quite the equal of this modern development in height and width adjustment in a Parallel Bar. The bars are adjustable in height from a minimum of 44 inches, when fully lowered, to 62 inches when fully raised, controlled by spring pin latches, simple and effective in operation. When fully raised, the width adjustment is from 10 to 22 inches, and when fully lowered, from 14 to 22 inches. The width adjustment is controlled by levers which are positive in operation and dials on each upright indicate the proper angle setting. The top bars are of hickory, 10 feet in length, contoured oval shape for comfortable hand grips. Handy foot levers operate anti-friction steel rollers, facilitating removal to any desired location. The base and uprights are especially designed to eliminate dangerous projecting lugs or bolt heads. Leather pads attached to the underside of the base protect the floor.

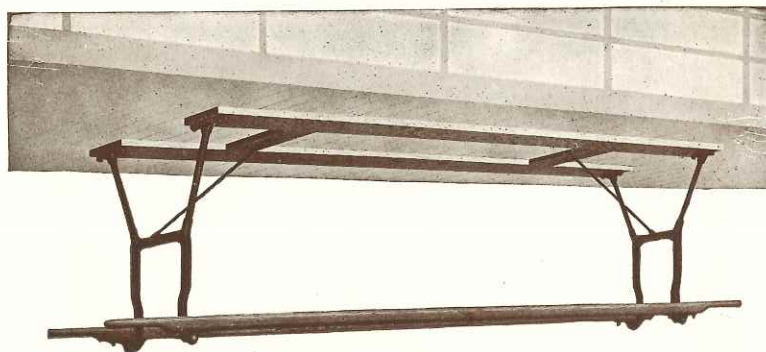
No. 7—PARALLEL BAR.....Each \$374.00



Unlike the parallel Bar described above, this bar does not have width adjustment; however, it does have height adjustment from 45 to 63 inches. The base is provided with anti-friction steel rollers which are operated by foot levers. The hickory bars are 9 feet long, spaced 16½ inches apart.

No. 1—PARALLEL BAR.....Each \$281.00

Parallel Bars



SUSPENDED PARALLEL BAR

The bar rails are 9 feet long, permanently spaced 16 inches apart, furnished with sturdy formed steel hangers for suspension from running tracks, or galleries 14 feet high or less. Unless otherwise specified, hangers are supplied so that the bars are 7 feet 6 inches above the gymnasium floor.

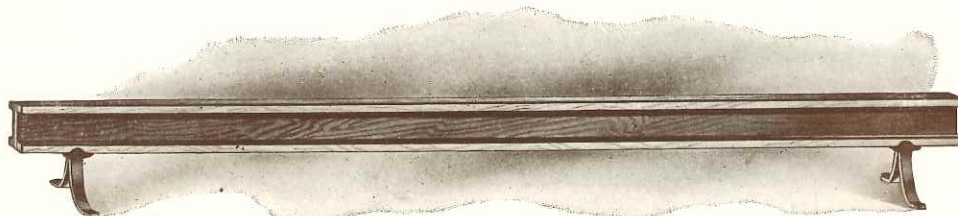
No. 22—SUSPENDED PARALLEL BAR



LOW PARALLEL BAR

Indispensable in any special exercising room or gymnasium. Especially valuable in practicing hand, arm and shoulder balances. The hickory bars, 7 feet long, are mounted 15 inches high on iron uprights, which are attached to a substantial wood frame.

No. 8—LOW PARALLEL BAR

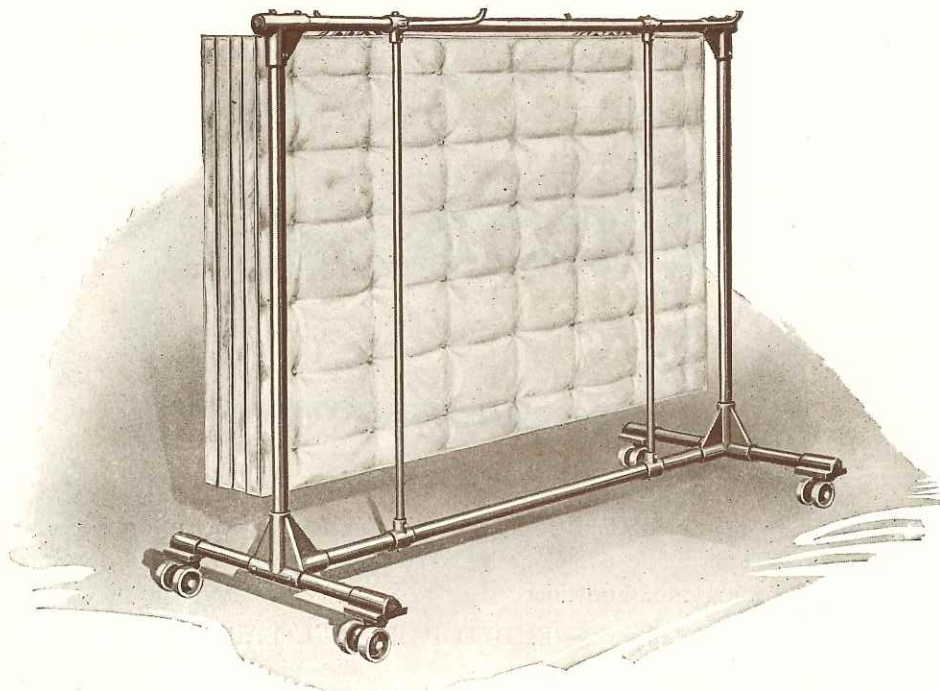


BALANCE BEAM

Made of yellow pine, 12 feet long, "I" shaped, with two cast iron legs. Usually purchased in sets of four or more and very popular in girls' gymnasiums for practice in balance and poise, to overcome awkwardness and develop grace. Can also be used in various pyramid groupings.

No. 47—BALANCE BEAM

Mat Trucks

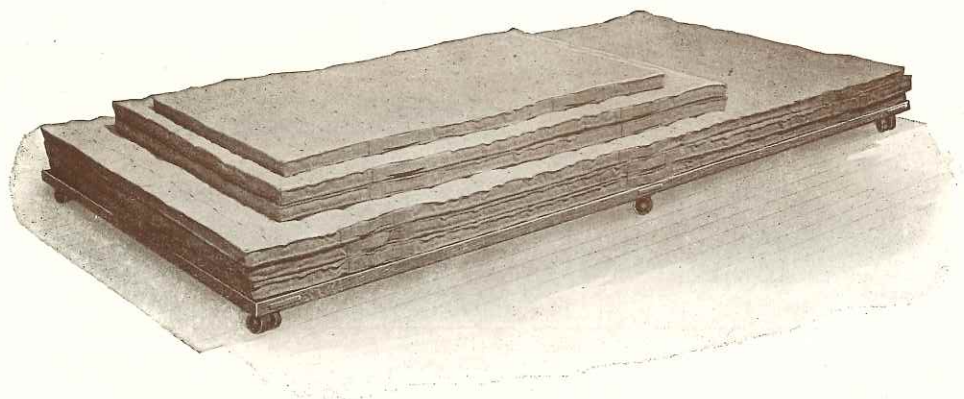


VERTICAL MAT TRUCKS

The Vertical Mat Truck is very popular, especially in gymnasiums where the doorway of the apparatus storage room is too narrow to permit passage of a Flat Mat Truck. Constructed of heavy steel pipe with double wheel anti-friction steel casters. Rubber tired casters substituted for steel casters at additional cost.

Where wall space in a gymnasium is limited, the use of Vertical Mat Trucks is advisable. A single truck will accommodate eight mats of the same size or eight mats in two sizes, four on each side.

No. 353—Truck to accommodate 8 four-handle mats of one size	Each \$100.00
No. 354—Truck to accommodate 8 four-handle mats, 4 of one size and 4 of another size.....	Each 110.00
No. 355—Truck to accommodate 4 four-handle mats of one size and 4 six-handle mats of one size....	Each 130.00
No. 356—Truck to accommodate 8 six-handle mats of one size	Each 120.00



FLAT MAT TRUCKS

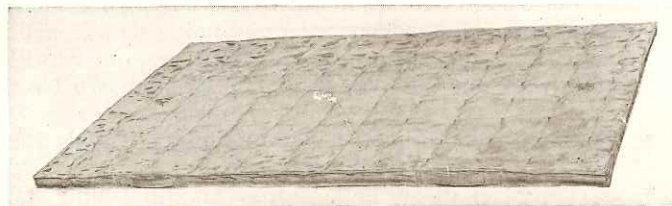
This type of truck provides the natural and ideal method of storing gymnasium mats. It is ruggedly constructed with double wheel, anti-friction steel casters. Rubber tired casters substituted for steel casters at additional cost.

No. 60—For mats 5 x 7 feet and smaller..Each \$80.00	No. 661—For mats 5 x 10 feet and smaller..Each..\$96.00
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Mats and Mat Hangers

TUMBLING, BOXING AND WRESTLING MATS

Standard mats are available in all sizes and thicknesses to suit your particular needs. Mats are of box edge construction, with 15, 18 or 21-ounce soft laid white duck over sisal filler (or hair felt if desired). All seams are carefully sewed and waxed tufts are securely knotted. All mats are provided with handles which are sewed and riveted to the mat edges.



- No. S-152 Sisal Filler—15-ounce duck
- No. S-182 Sisal Filler—18-ounce duck
- No. S-212 Sisal Filler—21-ounce duck
- No. H-152 Hair Felt Filler—15-ounce duck
- No. H-182 Hair Felt Filler—18-ounce duck
- No. H-212 Hair Felt Filler—21-ounce duck

Prices Upon Application

COMBINATION MATS

In the interest of economy, standard gym mats can be fitted with lashing flaps to increase their utility. Small mats used primarily for floor pads in regular gymnasium work can be laced together to form a boxing or wrestling pad or can be used as a wall protector pad if provided with lashing flaps. Consult us for suggestions.

SANITARY MAT COVERS

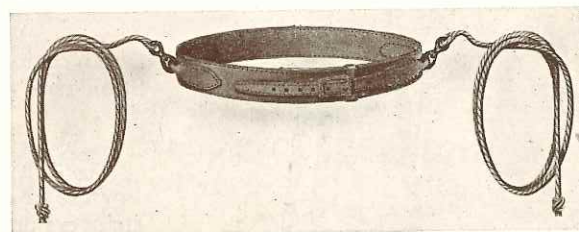
Available in canvas or canton flannel in any size required.
Send details for prices.

LUNGERS FOR TUMBLING

Hand Lunger with swiveled rope connections, as illustrated.
No. 107—Hand Lunger

Suspended Lunger with instructor's ceiling rope.
No. 124—Suspended Lunger

Each.....\$30.00



WALL MAT HANGERS

The standard Mat Hanger as illustrated on the left will accommodate four 2-inch thick mats. It is hinged to swing back against the wall when mats are removed. The illustration on the right is the "safety" type for one mat.

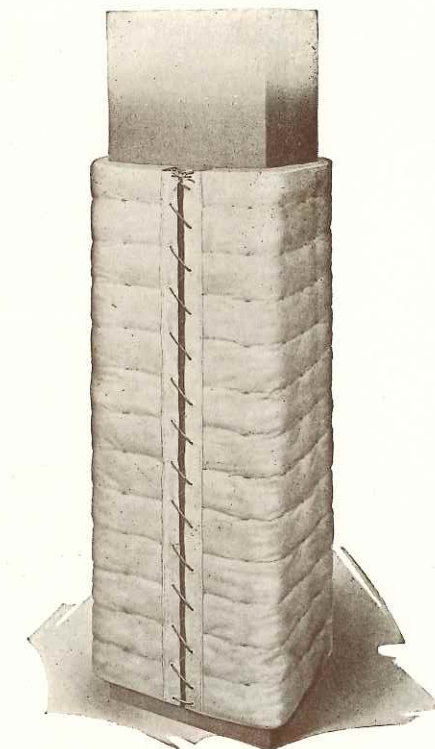
- No. 77—Wall Mat Hangers.....Each \$11.00
- No. 101—Wall Mat Hangers.....Each 3.00



No. 77



No. 101



Gymnasium Mats make excellent pads for use against walls, railings, radiators or other obstructions which should not be left unpadded.

The illustration shows how a sharp corner and a column or I-Beam can be padded to eliminate accidents. The height of pad is usually 6 feet. Made up on order to meet various conditions. Pads are 2 inches thick with hair felt filler, covered with 15-oz. white canvas.

Game Standards

COMBINATION STEEL VOLLEY BALL, BADMINTON AND TENNIS STANDARD

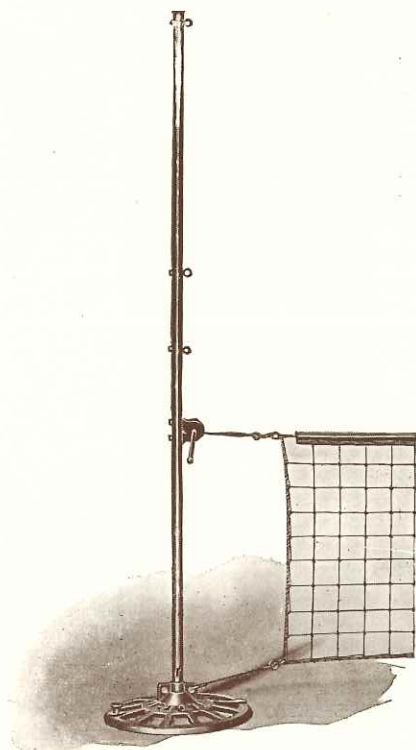
The most satisfactory all-purpose Game Standards obtainable. Uprights are of steel pipe attached to heavy cast-iron base, which is held in position by a non-removable hand screw which engages in one Medart No. 313 Floor Plate. Complete with one No. 685 Ratchet Reel for drawing net taut and two No. 313 Floor Plates for anchoring to wood floor.

Only One Additional Center Standard Needed to Provide Double Court

When Standards are required for two adjoining courts an extra Center Standard No. 684A added to a pair of the above-described End Standards will suffice. Center Standards are constructed the same as End Standards but require two Floor Plates instead of one. Complete with one No. 685 Ratchet Reel and two No. 313 Floor Plates.

No. 682A—Combination Steel Volley Ball, Badminton and Tennis Standards (End Standards)

No. 684A—Combination Steel Volley Ball, Badminton and Tennis Standards (Center Standards)

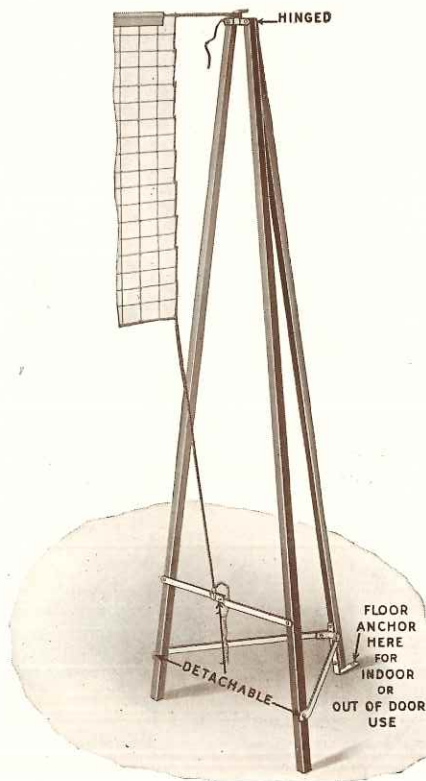


WOOD VOLLEY BALL AND BADMINTON STANDARD

Substantial and economical, these floor-attached volley ball and badminton standards consist of selected hardwood uprights, attached to a triangular base with well-rounded corners and two non-detachable hand screws. The brace rod, as illustrated, is equipped with a turnbuckle for relieving the strain on the upright. Complete with four No. 313 Floor Plates for anchoring in wood floors.

No. 216A

Combination Wood Volley Ball and Badminton Standards (End Standards).



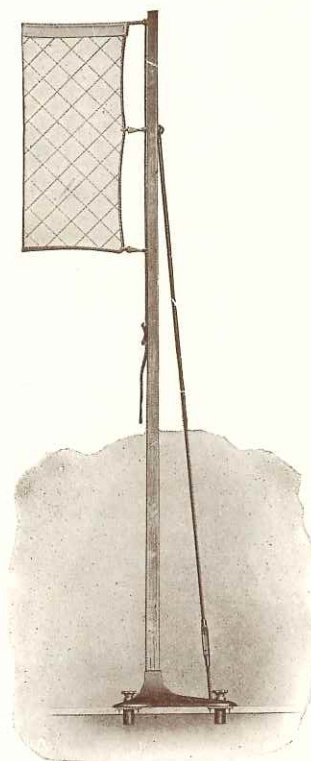
WOOD CENTER STANDARD

For Double Court Use

The addition of one No. 441A Center Standard to a pair of No. 216A End Standards will suffice for two courts.

No. 441A

Combination Wood Volley Ball and Badminton Standards (Center Standards).



GAME WALL CLEATS

For use in gymnasiums where nets can be strung from wall to wall. Complete with stringers and ratchet reel.

No. 442—Game Wall Cleats (Not illustrated).

BADMINTON STANDARDS

The new Medart Badminton Standard No. 1400 is of "tripod" construction, thus assuring absolute rigidity. It is official in all respects (distance from floor to point of attachment of net is regulation 5 ft., 1 in.). Each of three legs of tripod are of wood, natural finish. Use of (1) detachable spacer bars between the rear leg and the two front legs; (2) a positive locking, steel-hinged brace between the two front legs; and (3) a hinged construction of the apex of the tripod permits the standard to be easily and quickly assembled or dismantled at will. Each standard is provided with both a floor anchor for indoor use and a steel spike for out-of-doors use.

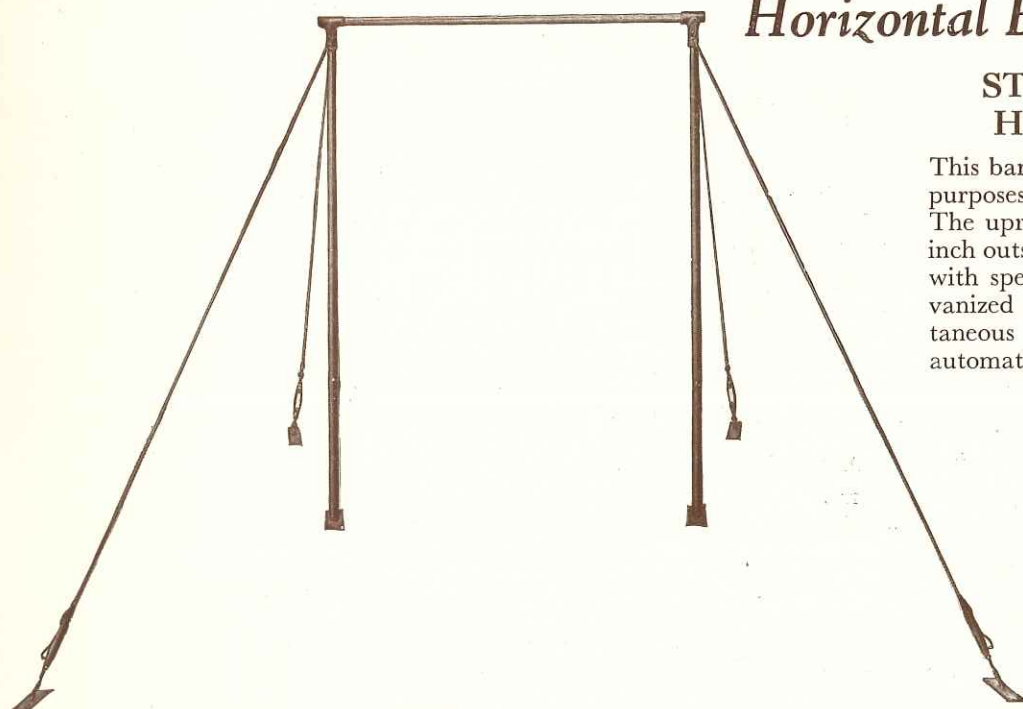
No. 1400—Badminton Standards

Horizontal Bars

STAGE EXHIBITION HORIZONTAL BAR

This bar is used principally for exhibition purposes and is not adjustable in height. The uprights are made of steel pipe 1 3/8-inch outside diameter. The bar is equipped with special bar ends. The guys are galvanized wire rope equipped with instantaneous turnbuckles which lock in No. 23 automatic closing flush floor plates.

No. 10 HORIZONTAL BAR With Solid Steel Bar



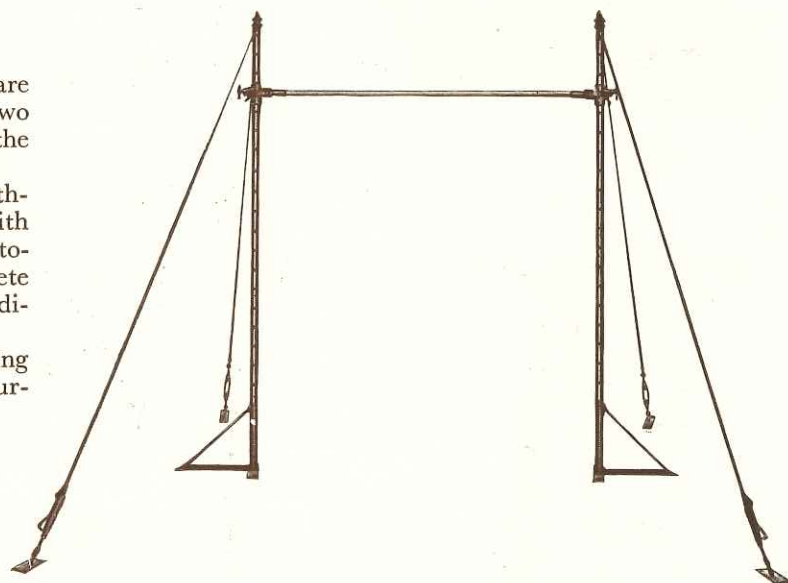
FULL GUYED FLOOR HORIZONTAL BAR

This is a very popular Horizontal Bar. The uprights are 2-inch outside diameter steel pipe drilled every two inches for height adjustment. Numbers to indicate the bar height are stamped on a flat milled surface.

Rigid side braces permit the bar to be adjusted without releasing wire rope guys which are equipped with instantaneous turnbuckles. The turnbuckles lock in automatic closing No. 23 Floor Plates. Mastic or concrete floors require No. 318 Floor Plates for which an additional charge is made.

The bar is hinged at both ends which permits folding together without disconnecting from the uprights. Furnished with a 6-foot solid steel bar.

No. 13—HORIZONTAL BAR → With Solid Steel Bar

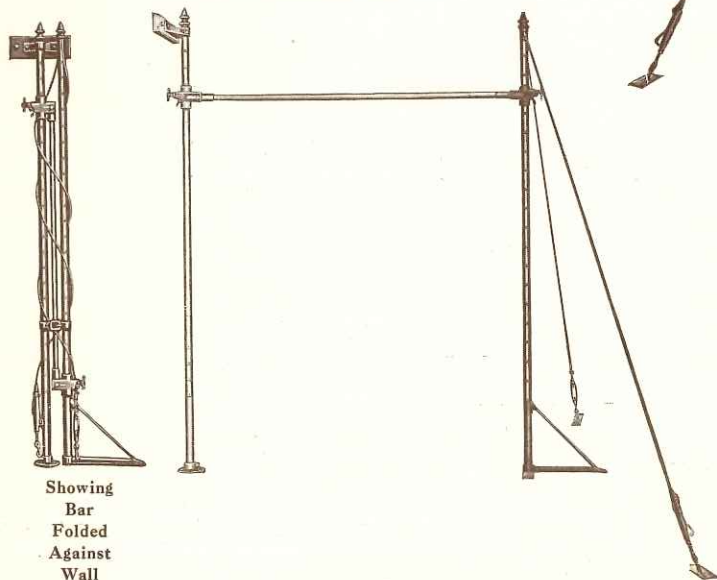


SEMI-GUYED WALL HORIZONTAL BAR

This is undoubtedly the most popular of Horizontal Bars. It is similar to No. 13 as illustrated above, except that one of the pipe uprights is permanently attached to a wall. The bar, which is hinged at both ends, can be quickly folded and placed against the wall, out of the way. This folding bar is preferred to hinged bars which swing back against the wall and render useless a great amount of valuable wall space.

Turnbuckles lock in automatic closing No. 23 Floor Plates. Mastic or concrete floors require No. 318 Floor Plates for which an additional charge is made. Furnished with a 6-foot solid steel bar.

← No. 14—HORIZONTAL BAR With Solid Steel Bar



Showing
Bar
Folded
Against
Wall

Jumping and Vaulting Standards

COMBINATION VAULTING AND JUMP STANDARD

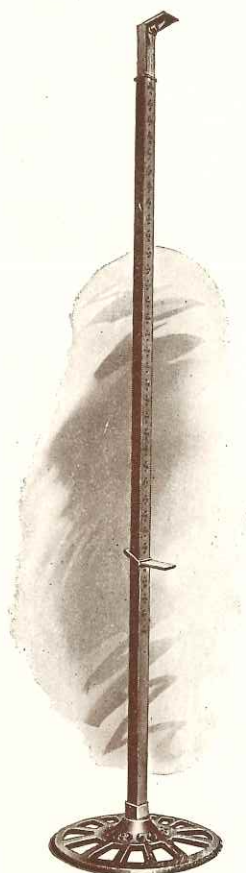
Combination steel and wood Standards. Upright attached to round cast-iron base is of formed steel construction with selected wood extension to 14 feet, 4 inches. Adjustable by inches. Large, easily-read numbers at 2-inch intervals. May be rolled from one location to another at will.

No. 225

Combination Vaulting and Jumping Standards, with Jump Stand Cord.

No. 225A

Combination Vaulting and Jumping Standards, without Jump Stand Cord.



JUMPING STANDARDS

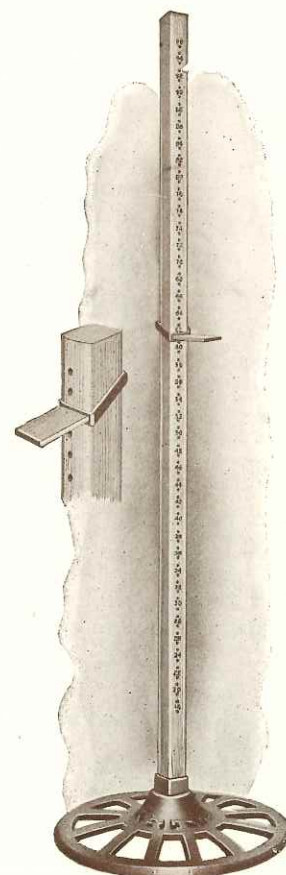
The uprights are made of selected maple, 8 feet, 6 inches high, with 1-inch graduations, and are equipped with sliding-pin latch with flat stick holder that conforms with latest official rules. Heavy round iron base of 21½-inch diameter assures a substantial and steady support at all times.

No. 312

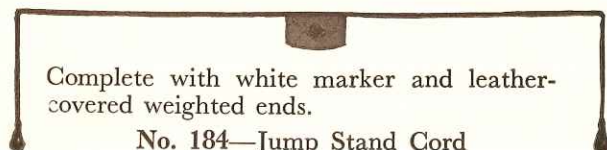
Jumping Standards, with Jump Stand Cord.

No. 312A

Jumping Standards, without Jump Stand Cord.



JUMP STAND CORD



Complete with white marker and leather-covered weighted ends.

No. 184—Jump Stand Cord

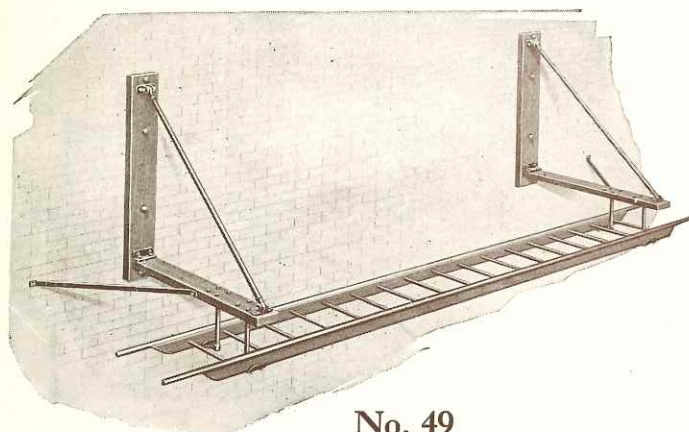
JUMP STAND STICK



Made of yellow pine, 1⅛ inch square and 14 feet long.

No. 185—Jump Stand Stick

Ladders and Backstand



No. 49

No. 49

HORIZONTAL LADDER

No. 49 Wall Suspended (illustrated). No. 39 Ceiling Suspended.

16 feet long, supported by heavy malleable iron hangers. Should be placed 7 feet 6 inches above floor.

Shipping Weight 200 Lbs.

Price \$153.60

No. 105—COUNTERBALANCED ADJUSTABLE LADDER

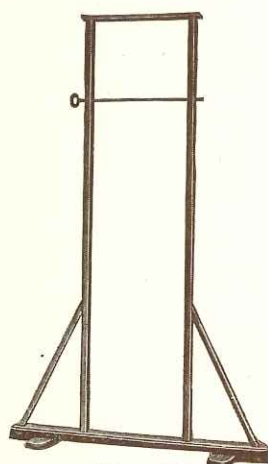
This is a popular Adjustable Ladder. The weight of the Ladder is counterbalanced by weights operating inside the pipe upright. A hand operated chain is used to adjust the Ladder—so simple an operation that a child can do it.

The adjusting chain operates through a slotted casting clamped to the upright. This casting is equipped with a gravity drop trigger that engages the chain and holds the Ladder in the desired position. Padlock eyes are also provided on this casting so that the Ladder can be locked to prevent unauthorized use or adjustment. Price does not include padlock.

The ends of this Ladder are equipped with rollers which protect the floor and enable one person to operate the control and hoist ropes, rolling the Ladder into position where the rollers fit in special concave flush floor plates. The Ladder is 16 feet long and requires a minimum ceiling height of 17 feet.

Shipping Weight 420 Lbs.

Price.....\$158.00



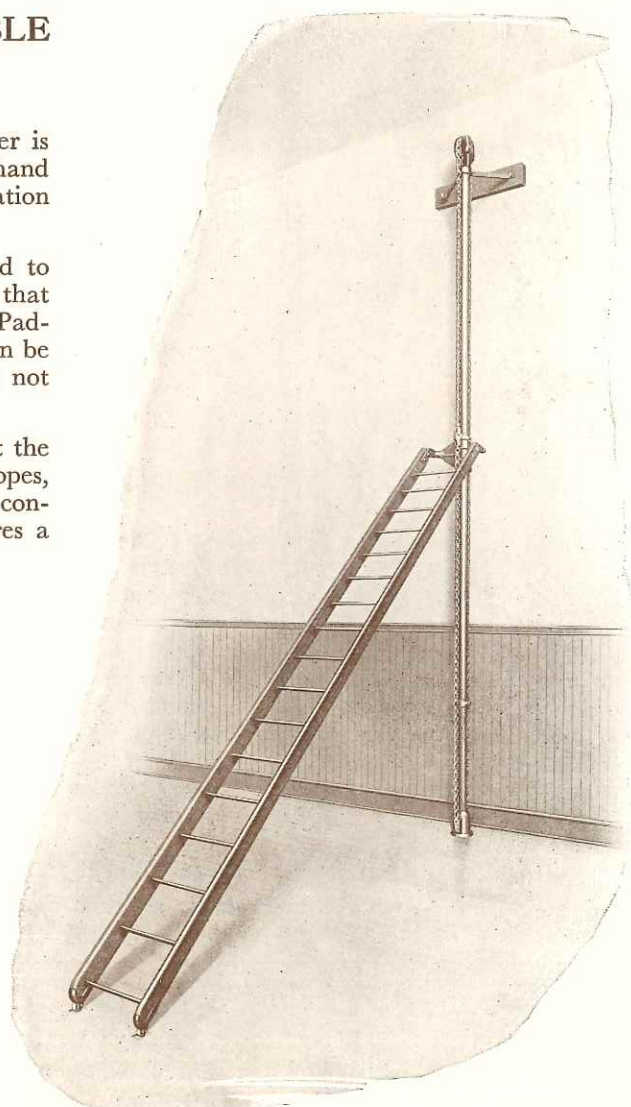
No. 51

No. 51—BACKSTAND

This Backstand is used to support No. 105 Adjustable Ladder when placed in a horizontal position. It stands by itself without tipping. Horizontal Bars can be arranged to serve the purpose of the Backstand and for this reason the Backstand is listed independently of the Ladder.

Shipping Weight 70 Lbs.

Price.....\$51.00



No. 105

Climbing Ropes and Poles



No. 75

HOIST ROPE

Climbing poles, ropes, ladders, non-adjustable flying rings and trapeze must be raised to the ceiling out of the way; one or more hoist ropes are therefore required. One hoist will accommodate four ropes or poles, two ladders, or one or two pair of non-adjustable flying rings or trapeze.

Shipping Weight
15 Lbs.



No. 86

No. 86 — Climbing Pole made of Yellow Pine, $1\frac{3}{8}$ -inch diameter.

Shipping Weight
20 Lbs.



No. 87

No. 87 — Climbing Rope made of Manila rope $1\frac{1}{2}$ -inch diameter.

Shipping Weight
30 Lbs.



No. 40

No. 40 — Knotted Climbing Rope made of Manila rope, $1\frac{1}{2}$ -inch diameter. The knots are braided around and through the rope and spaced 8 inches apart.

Shipping Weight 40 Lbs.

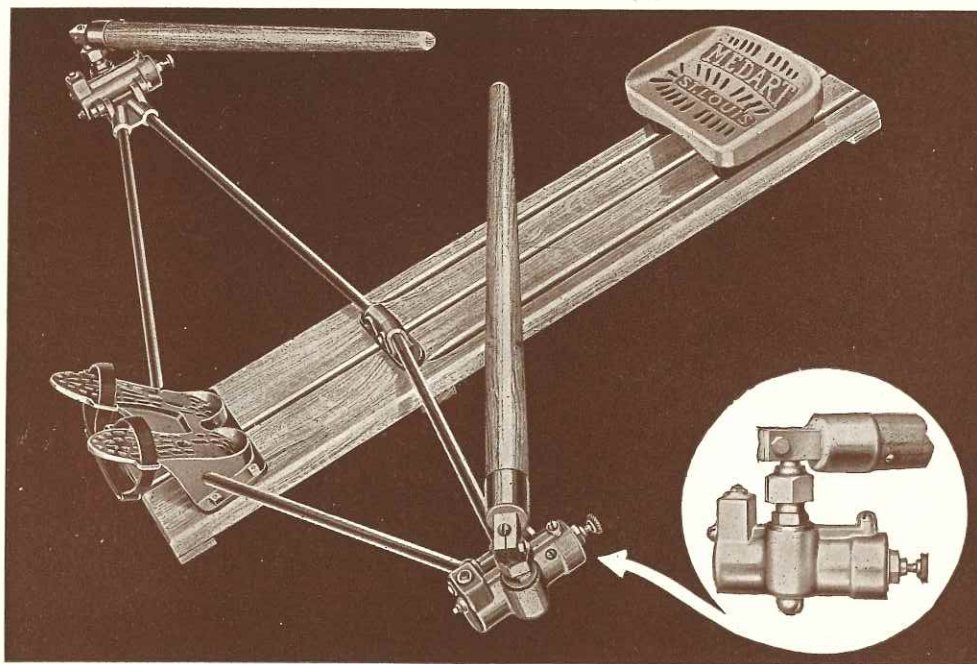


No. 64

No. 64 — Ball Rope similar to No. 87 except wood balls are secured to the rope, spaced 12 inches apart.

Shipping Weight
40 Lbs.

Rowing Machines-Pulley Weights



PATENT OFFICE

AUG 14 1951

DESIGN DIVISION

Medart No. 351M Hydraulic Rowing Machine is, in every way, a substantially constructed, heavy-duty piece of apparatus, intended for daily use in public gymnasiums and athletic clubs. Oars and base are constructed of selected hardwood; foot rests are of iron and include adjustable leather straps, as illustrated; the seat is made of hardwood and is mounted on four rubber rollers that operate smoothly in twin tracks. The four cross supports are constructed of $\frac{3}{4}$ -inch solid steel bars.

EASILY MOVED—No Floor Anchorage Required

Of one-piece construction, this machine requires no permanent floor fastenings and, consequently, it can be moved at will. Rubber shoes on the underside of the base protect floor surfaces. Floor space required—approximately 4 ft. 6 in. x 5 ft.

Price \$104.00 Each

Shipping Wt. 110 Lbs.

CHEST PULLEY WEIGHT

The number and variety of exercises which can be performed with various Pulley Weights make this type of apparatus of great value, not only as a muscle builder but for correction and prevention of poor posture and physical handicaps. Special exercising rooms or corrective gymnasiums should always be equipped with a variety of Pulley Weights, the value of which is increased by the adjustable weight feature which is incorporated in all Medart Pulley Weights. The amount of weight to be raised can be varied to suit the individual.

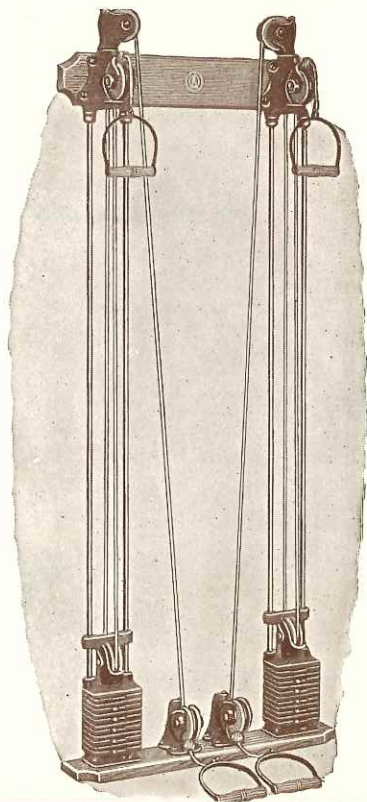
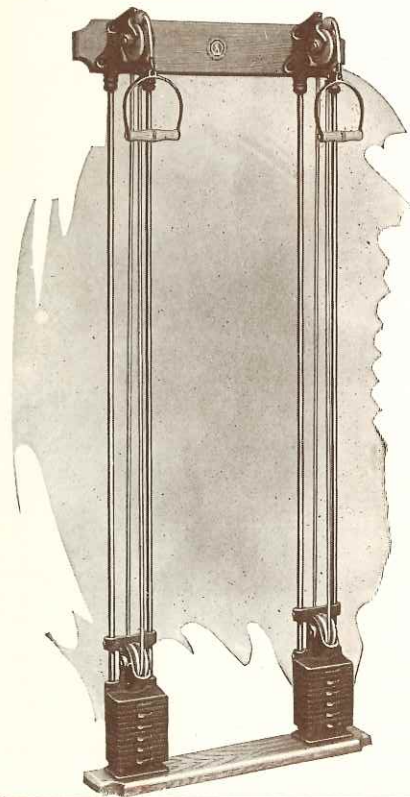
No. 56 M Pulley Weight is especially designed for heavy-duty use and is easily installed.

Price \$46.00 Each
Shipping Weight 82 Lbs.

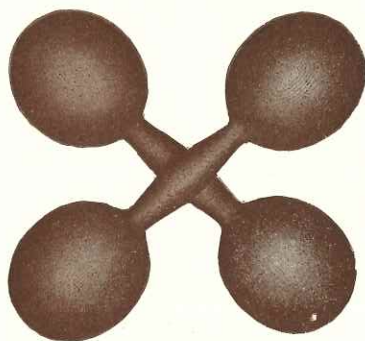
FLOOR AND CHEST PULLEY WEIGHT

Same as No. 56 M Pulley Weight described above, with the addition of floor pulleys, as illustrated.

No. 57—Price \$58.00 Each
Shipping Weight 95 Lbs.



Dumbbells, Indian Clubs and Wands



MAPLE DUMBBELLS

Made of seasoned maple, lathe polished to a high gloss finish. Selected free of imperfections.

No. 267—	$\frac{3}{4}$ lb. Dumbbells.....	Pair	\$2.00
No. 267—1	lb. Dumbbells.....	Pair	2.50
No. 267—1½	lb. Dumbbells.....	Pair	3.00

INDIAN CLUBS

Made of seasoned maple, lathe polished to a high gloss finish. Selected free of imperfections. Perfectly balanced with a natural, comfortable grip.

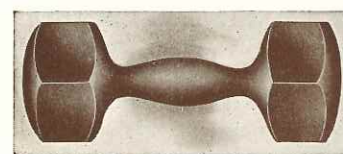
No. 268—	$\frac{3}{4}$ lb. Indian Club.....	Pair	\$2.00
No. 268—1	lb. Indian Club.....	Pair	2.50
No. 268—1½	lb. Indian Club.....	Pair	3.00



ADJUSTABLE IRON DUMBBELLS

An old favorite in physical development. Can be furnished in three adjustable sizes. From 20 to 100, 20 to 200, and 20 to 300 pounds.

No. 142—Adjustable Iron Dumbbell			
100 lbs.....	\$37.00	200 lbs.....	\$68.00
300 lbs.....	\$99.00		



IRON DUMBBELLS

Made with hexagon bells so they will not roll. Available in various weights: 5, 10, 15, 20, 25, 30, 40, 50, 75 and 100 pounds.

No. 85—Iron Dumbbells.....	\$0.30 per lb.
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MAPLE WANDS

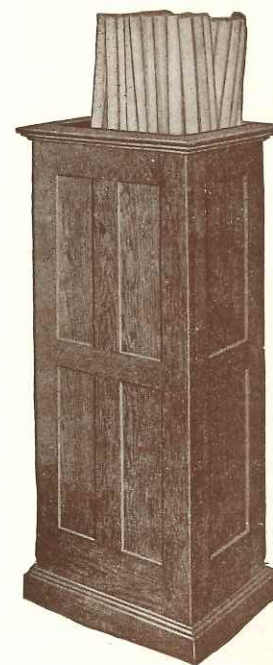
Made of straight-grained, well selected maple, highly polished.

No. 227—Maple Wands,	$\frac{5}{8}$ x 36 inches.....	Dozen	\$ 6.00
No. 257—Maple Wands,	$\frac{3}{4}$ x 36 inches.....	Dozen	7.00
No. 143—Maple Wands,	$\frac{3}{4}$ x 42 inches.....	Dozen	8.00
No. 144—Maple Wands,	$\frac{7}{8}$ x 42 inches.....	Dozen	9.00
No. 145—Maple Wands,	1 x 48 inches.....	Dozen	10.00
No. 148—Maple Wands,	1¼ x 54 inches.....	Dozen	12.00
No. 258—Maple Wands,	1 x 54 inches.....	Dozen	11.00

BOX FOR MAPLE WANDS

Well made wood box with paneled sides and open top. Capacity 100 wands.

No. 139—Wand Box	Each	\$53.00
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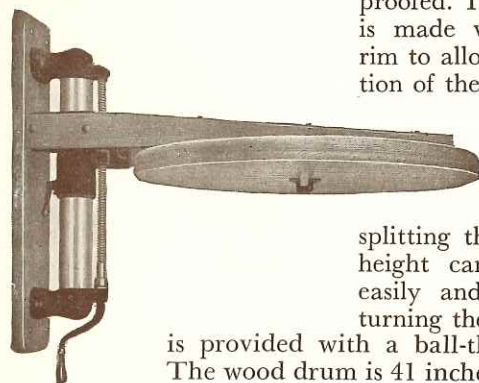


Boxing Needs

STRIKING BAG DRUM

(Crank Adjustable)

The height can be varied 16 inches, making it suitable for use by men or boys of any height. The supporting post is 4 inches in diameter, finely machined and rust-proofed. The wood drum is made with a sliding rim to allow for contraction of the wood without



splitting the drum. The height can be changed easily and quickly by turning the crank, which is provided with a ball-thrust bearing. The wood drum is 41 inches in diameter.

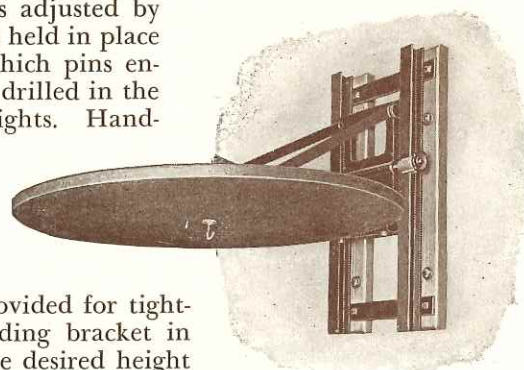
No. 113—Striking Bag Drum.....Each \$170.00

STRIKING BAG DRUM

(Hand Adjustable)

This is a very rigid, substantial and practical Striking Bag Drum that never fails to give complete satisfaction. The range of sliding height adjustment is 12 inches. The drum part is identical to that supplied on our No. 113 Adjustable Striking Bag Drum illustrated to the left.

The height is adjusted by means of pins held in place by springs, which pins engage in holes drilled in the I-beam uprights. Hand-



screws are provided for tightening the sliding bracket in place after the desired height adjustment has been effected.

No. 399—Striking Bag Drum.....Each \$50.00

Swivel and Bag Attachment

All striking bag drums illustrated are equipped with the new Medart Ball-Type Swivel and Bag Attachment.

A free-and-easy, quick-acting, ball-type swivel made of case-hardened steel. An especially designed "Pigtail" hook permits quick and easy attachment and removal of striking bag, but holds securely while bag is in use. Patented bag attachment eliminates all wear on bag strap, the most vulnerable part of a striking or punching bag.

No. 366—Swivel and Bag Attachment
(Not illustrated)

BOXERS' TRAINING BAG

This 75-pound Training Bag is built to take plenty of punishment. It is amply padded; a strong iron ring encased in the top of the bag maintains the shape and makes a solid connection for attachment of three steel chains which fasten to a swivel connection. Complete with chain support. May be had with heavy leather or heavy canvas covering.



No. 118

Boxers' Training Bag, Leather Covered
Each \$125.00

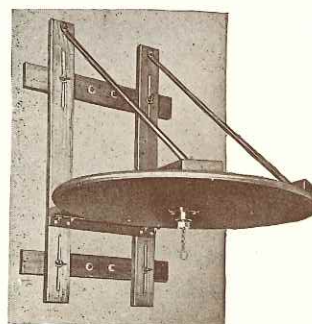
No. 119

Boxers' Training Bag, Canvas Covered
Each \$69.00

STRIKING BAG DRUM

Adjustable in height, the 5-ply plywood drum is securely supported to a substantial wood frame by means of $\frac{5}{8}$ in. round steel braces.

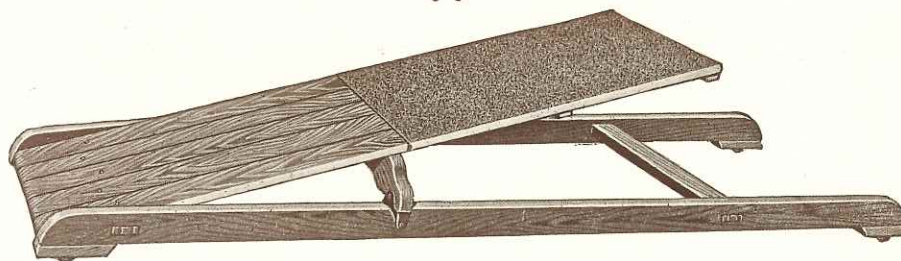
Walnut stain finish. Complete with detachable chain swivel (bag not included). An exceptionally well-made rigid, economical striking bag drum.



No. 364

Striking Bag Drum.....Each \$25.00

Take-Off Boards



SPRINGBOARD

The Springboard is a favorite piece of equipment. The many uses to which it can be applied in conjunction with Side Horses, Bucks, Parallel Bars and Jumping Standards make it very serviceable. The base is made of hickory and is rubber shod. The top board is made of narrow hickory strips, covered with cork carpet cemented on with the edges protected by flush wood molding strips.

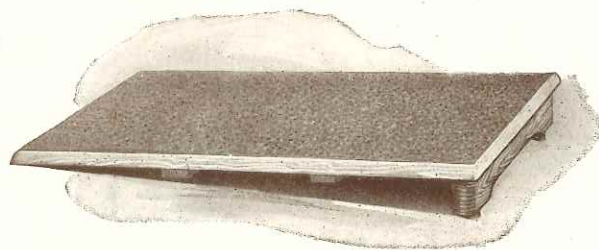
No. 35—Springboard.....Each \$70.00

VAULTING BOX

The Vaulting Box is a prime favorite with many gymnasts. As it is made in three pyramid sections, a quick adjustment in height is possible by simply adding or taking away the lower sections.

The total height of the Medart Vaulting Box is 48 inches. Each under lift adds 12 inches to the height. The upper lift is padded and covered with imitation leather. It is 18 x 60 inches and 24 inches high. It can be used to advantage not only for vaulting purposes and as an obstacle in tumbling, but for pyramid work as well.

No. 2—Vaulting Box.....Each \$220.00

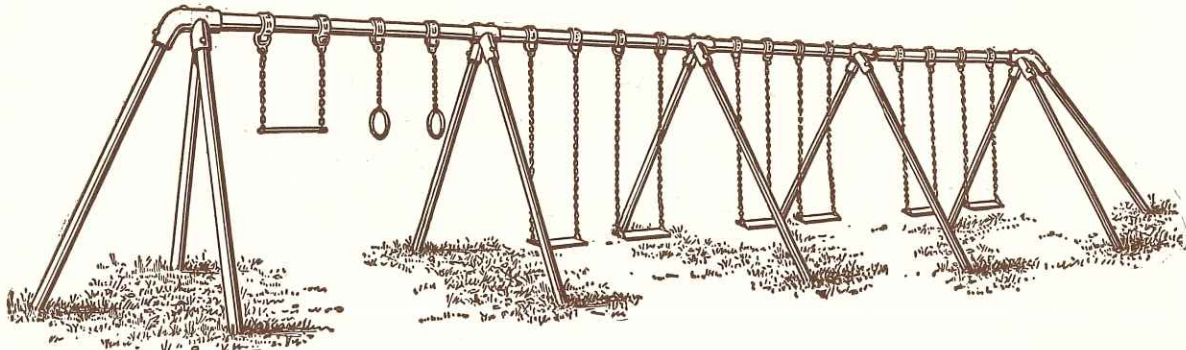


JUMPING BOARD

Used in connection with the Horse, Buck and Parallel Bar as a take-off. The top is made of narrow ash strips covered with cork carpet cemented on. The base is rubber-shod and will not slip on the floor. The edges of the carpet are fully protected by well rounded wood molding strips on all four sides. The hardwood cross cleats on the underside of the board are fastened by means of wood screws. This board will render a lifetime of satisfactory service.

No. 38—Jumping Board.....Each \$24.00

Game-time ALL STEEL SWINGS



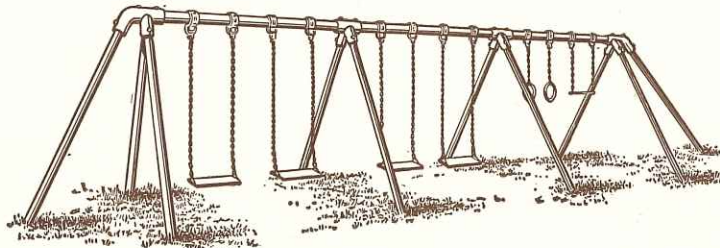
Game-time ALL STEEL Swings are needed on every play area. Children thrill with the accomplishment of "pumping and swinging." Attain maximum sense of equilibrium (balance) and grace. Eager boys and girls need dependable swing (safe) design, select materials, and good construction. Tough stuff! Game-time swings are the only ALL STEEL swings manufactured. Frames have two swings per unit so children may mount and dismount adjacent to support leg. All steel fittings. Three leg end supports (to elim-

inate end sway deterioration). Machine and welded socket fitting connections. Galvanized pipe top beams 2 1/8" O.D., Legs 1 7/8" O.D., Heavy galvanized 8/0 gauge twisted chain or long link.

No. Game-time 88—Eight seats—frame 8' above ground, 760 lbs..... \$205.00

No. Game-time 810—Eight seats—frame 10' above ground, 800 lbs..... 222.00

No. Game-time 812—Eight seats—frame 12' above ground, 840 lbs..... 239.00



SIX-PASSENGER SWINGS

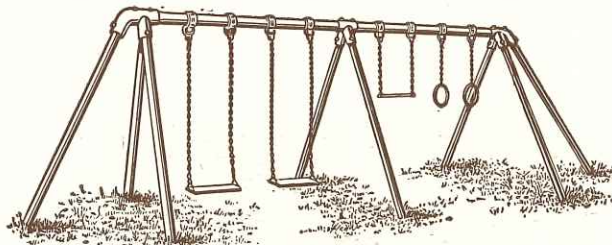
Game-time Six Passenger Swings (Rings or Trapeze) are popular on thousands of play areas. All steel swings are the recreational directors' choice. No. Game-time 608—Six Seats—frame 8' above ground, 500 lbs... \$159.00
No. Game-time 610—Six Seats—frame 10' above ground, 555 lbs... 172.00
No. Game-time 612—Six Seats—frame 12' above ground, 610 lbs... 185.00
(Specify choice of seats, rings or trapeze bars.)

SWING FITTINGS

Swing fittings are vital to child safety. Machine shaped-welded all steel (instead of cast iron). Socket type (instead of split) fittings. Game-time fittings have a 4" top pipe overlap—the longest manufactured. Also overlaps legs 4 inches. Connecting bolts are 1/2" thick—go through both fittings and pipe.

No. Game-time 335—Three leg end fittings for 2" I.D. pipe—1 1/2" leg, 11 lbs. \$6.00

No. Game-time 336—Two leg center fittings for 2" I.D. pipe—1 1/2" legs, 8 lbs. \$5.00



FOUR-PASSENGER SWINGS

Game-time Four Passenger All Steel Swings are popular. A swinging child generates force like Goliath and David's sling. Swings need steel fittings, frames, hangers, chain. Four swing units have same safe design and steel parts as larger units.

No. Game-time 48—Four seats—frame 8' above ground, 400 lbs..... \$113.00

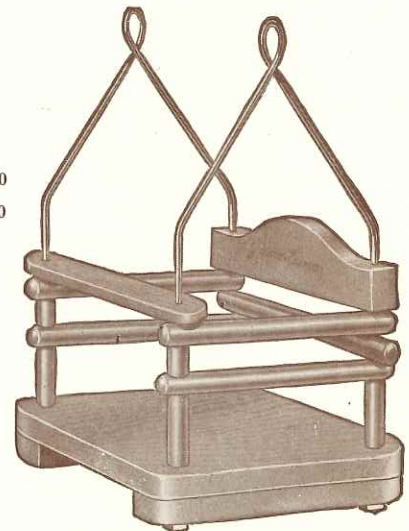
No. Game-time 410—Four seats—frame 10' above ground, 444 lbs..... 122.00

No. Game-time 412—Four seats—frame 12' above ground, 488 lbs..... 131.00

Choice of seats—rings or trapeze on all Game-time swings.



ALL STEEL FITTINGS



CHAIR SEATS

Teach the "Wee Tots" to swing in chair seats. Seat 12 in. x 15 in. x 25 in. high. Back, arms, and protective cross piece. Galvanized hardware.

No. Game-time 350—Chair Seat, 11 lbs. \$5.95



ALL STEEL HANGERS

Game-time exclusive ship plate stamped hangers are stronger than cast iron—last twice as long. Each hanger has four simple parts: double thick pendant, one inch solid steel ball, socket cup, top bracket. Hanger swings back and forth on solid steel ball in steel socket.

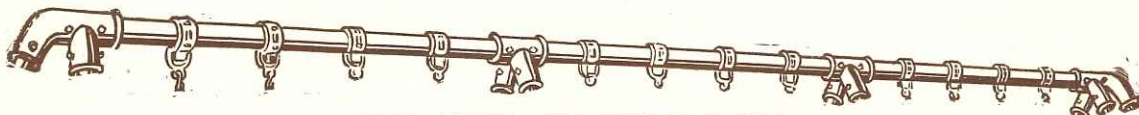
No. Game-time L2—2" hanger, 2 lbs..... \$1.95

No. Game-time L3—3" hanger, 2 1/2 lbs..... 2.50

No. Game-time L4—"S" Hooks .10

FACTORY ASSEMBLY SAVES YOU SET-UP LABOR

NO EXTRA COST



EXTRA SERVICE—BIG SAVINGS TO YOU

Game-time swings leave the factory with all steel fittings and hangers properly spaced and securely bolted to top rails. May be set up by merely attaching legs and seat chains. You save 80% of installation job. An exclusive Game-time service—no extra cost.



Game-time ALL-STEEL SLIDES

TWO DELUXE MODELS

The "Game-time" deluxe slide is all steel and streamlined — No Wood—No Slivers. The slide chute is pressure formed from a solid steel plate. Chute is 18" wide. Sides are 4½" high. Has pipe handrails welded to chute sides. Modern styled foot-back.

"Game-time" Slides have formed all steel stairs. Steps have non-slip treads, safety edges and are welded to formed steel risers. Streamline hand rails extend up the ladder and over the top. Children are protected from falls by a new safety platform located down from the top of the stairs 7½", eliminating dangerous "stargazing".

Installation may be portable or anchored to cement piers. May be set up in 15 minutes.

No. 645—6 ft. high, 12 ft. chute, 290 lbs.

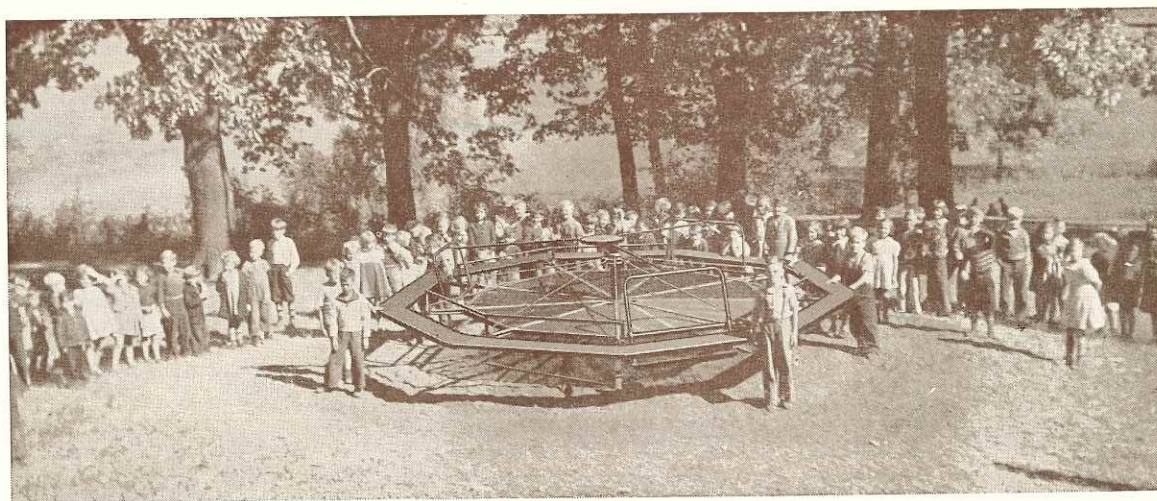
Zinc	\$129.00
Stainless Steel Coated	199.00
Solid Stainless Steel	309.00

No. 845—8 ft. high, 16 ft. chute, 400 lbs.

Zinc	\$169.00
Stainless Steel Coated	239.00
Solid Stainless Steel	369.00

PULL-A-WAY

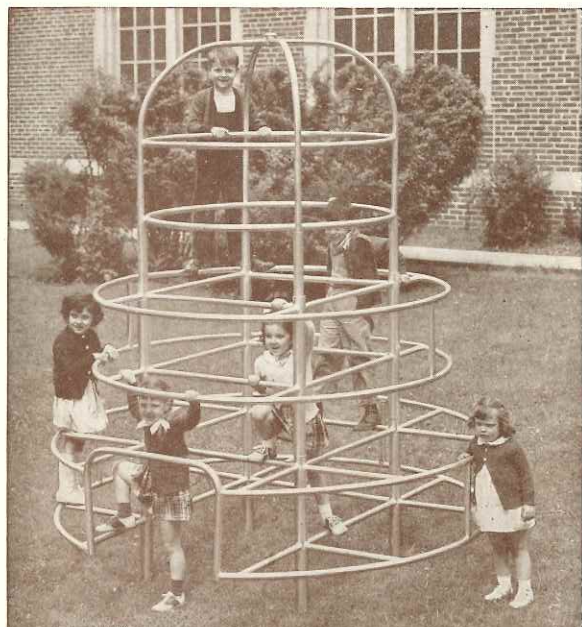
The Self-Propelled Merry-Go-Round



Pull-A-Way converts a small play area into a world of fun and healthy exercise for 50 to 75 children! All moving parts on this completely safe merry-go-round are protected by Underwriters Laboratories approved SAF-T-MESH. A safety governor limits the speed, and all corners are streamlined to avoid sharpness. Bridge construction of structural steel, heavy castings, and Timken and Hyatt roller bearings mean years of service! Only wood in the apparatus is sturdy cypress. Self-propelled by push-pull hand and footbars.

16-ft. Diameter Pull-A-Way—9 Seat Boards, 3 Pumps—weight 1250 lbs. complete.....	\$375.00
12-ft. Diameter Pull-A-Way—8 Seat Boards, 2 Pumps—weight 950 lbs. complete.....	250.00

Game-time MOUNTAIN CLIMBER



New design—No sharp corners—No clamps—No protruding bolts and nuts.

The new Game-time Climber combines both circular and rectangular designs. The outside of the climber is round, eliminating sharp corners. The inside structurals are square. There are no outer edge corners. U-bolts, sharp-edged nuts and sharp edges of pipe are eliminated by Game-time's exclusive electric welded designs. Joints are galvanized after welding to prevent rust.

No. 987 Mount Everest—

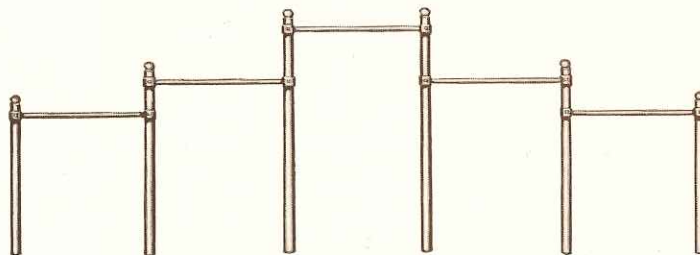
Overall height 9 ft. 9 in.....\$211.00

No. 870 Pike's Peak—

Overall height 7 ft. 9 in.....\$99.00

Climbers for Tiny Tots Also Available

Game-time MUSCLE BARS



"Game-time" Muscle Bars Make Young Americans Strong

5-BAR MODEL. Chinning, swinging, climbing are all provided on the "Game-time" Muscle Bars. Constructed of hot galvanized pipe. Uprights are 2" I.D. pipe. Cross bars are 1½" cold rolled solid steel 4 feet long. All steel fittings. Uprights of proper length to give above ground heights of 4½ feet—5½ feet—7 feet. Complete with anchor lugs.

L55 — Muscle Bars, weight 425 lbs.....\$63.00

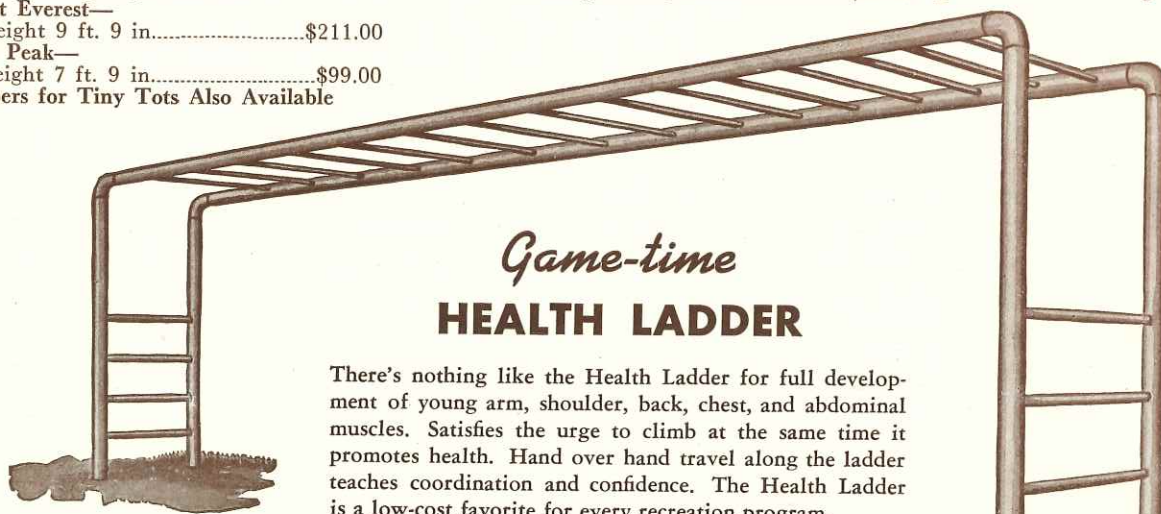
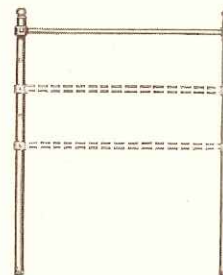
3-BAR MODEL — Same construction as above — cross bars 4½ ft. — 5½ ft. — 7 ft. above ground.

L33 — Muscle Bars, weight 300 lbs.....\$42.00

ADJUSTABLE MUSCLE BARS

Chinning and swinging. Constructed of hot galvanized pipe. Uprights are made of hot galvanized 2" I.D. pipe. Cross bars are 1⅝" cold rolled solid steel bars 6 feet long. Adjustable up to 7½ feet high.

L11 — Muscle Bar,
weight 135 pounds.....\$21.00



Game-time HEALTH LADDER

There's nothing like the Health Ladder for full development of young arm, shoulder, back, chest, and abdominal muscles. Satisfies the urge to climb at the same time it promotes health. Hand over hand travel along the ladder teaches coordination and confidence. The Health Ladder is a low-cost favorite for every recreation program.

SPECIFICATIONS

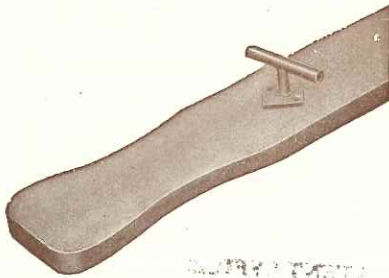
Steel pipe uprights are two inches in diameter and extend 7½ feet above ground and 2½ feet below. Ladder is 16 feet long by 19½" wide with steel

pipe rungs over ¾" diameter. Ladder is guaranteed to hold all the youngsters who can find room on it. Junior size is 12 feet long.

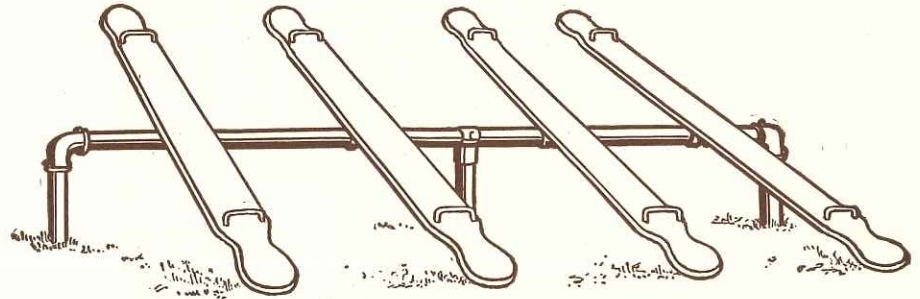
Full Size, 7½ feet above ground, 19 feet long, weight 324 pounds.....\$93.00
Junior Size, 6 feet above ground, 12 feet long, weight 265 pounds.....78.00

Shipped in 3 Sections

See Saws and Sand Box



All seat boards are saddle-type — to provide leg room in ascending and especially on descents. No back slips.



ALL STEEL SEE-SAWS

Children must cooperate to See-Saw. Muscle and mind coordination and teamwork enter every ride. Exclusive all steel fulcrums — steel reinforcement for boards. See-Saw boards are select planks — 2" x 12" x 10 ft. with saddle type seats. Steel hand holds. Fulcrums are exclusive design — 8-inch long bearings, permanently attached to pipe — Alemite greased. The boards can't get loose. Boards have 16 x 8 x 1/4-inch steel plate reinforcements at fulcrums.

Frames are 2 3/8-inch O.D. pipe — Uprights are 4 ft. high with cement lugs.

No. Game-time 302 — Two-Board See-Saw, 220 lbs.	\$53.00
No. Game-time 304 — Four-Board See-Saw, 340 lbs.	90.00
No. Game-time 306 — Six-Board See-Saw, 560 lbs.	132.00
No. Game-time 308 — Eight-Board See-Saw, 780 lbs.	170.00

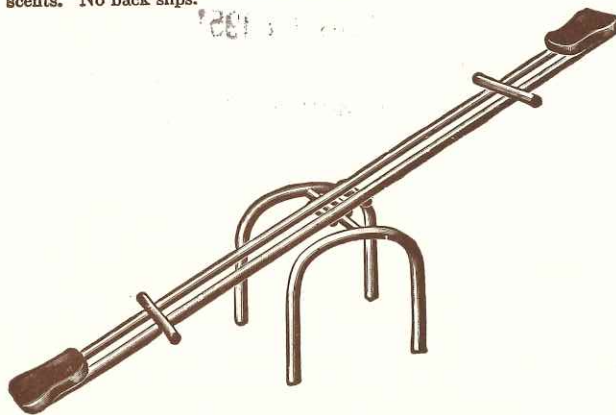
All See-Saws are shipped factory-assembled — electric welded. No set-up worry.

Replacement saddle type boards, 2" x 10" x 10' — No. Game-time 305	\$11.00
Smooth finish, enameled, 2" x 10" x 12' — No. Game-time 309	13.20
All steel hand hold assembly — each No. Game-time 315	1.75

All steel Fulcrum, adjustable type, attached to 16" x 8" x 1/4" steel plate board reinforcement. Specify O. D. pipe frame size.

No. Game-time 316	5.00
-------------------	------

Includes retainer chain.



ALL METAL PORTABLE SEESAW

For "Kiddies" inside or outdoors, 6' 3" long — tubing — wood seats.

No. Game-time 158 — 23 lbs.	\$13.50
-----------------------------	---------



ALL STEEL SAND BOX TANK

Keep the sand in this leak-proof galvanized tank. Heavy, 14 gauge, all steel, 34 in. wide, 6 ft. long, 26 in. high, 13 in. deep. Pipe legs—Big casters—Pipe handrail—Rolls easily. Goes through room doors. Children play in box—or stand beside it.

No. Game-time 79—weight 300 lbs.	\$76.00
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GAME-TIME BICYCLE RACKS

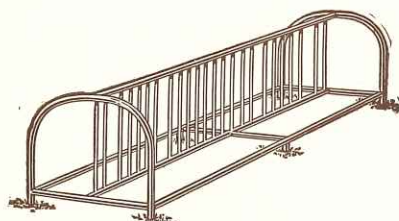
Good bicycles deserve good parking racks—and every child “knows” his bicycle is good. Propping “bikes” against buildings, trees, cars, etc., one on another, breaks down cooperative teachings, causes friction, fights, bad habits. Bicycles can be kept orderly — neat.

All steel one piece racks — welded construction — are durable — no parts to rattle off — no cast iron to break. Game-time racks are galvanized after welding.

PATENT OFFICE

AUG 14 1951

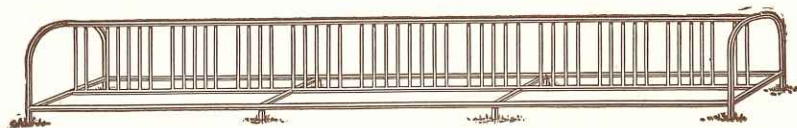
DESIGN DIVISION



GAME-TIME BICYCLE RACKS

are the only all steel racks manufactured.

No. Game-time 320 — 9 ft. long — 27 spaces — 240 lbs.	\$57.00
No. Game-time 330 — 12 ft. long — 36 spaces — 290 lbs.	69.00
Ground sockets to fasten any rack in cement, per set.	4.00



Children learn to be neat and orderly if proper standards are provided. Frames are 1 7/8" O.D. galvanized pipe. Spaces are 1/2" solid steel bars. Units are welded together — then galvanized. Racks are shipped assembled ready for use.

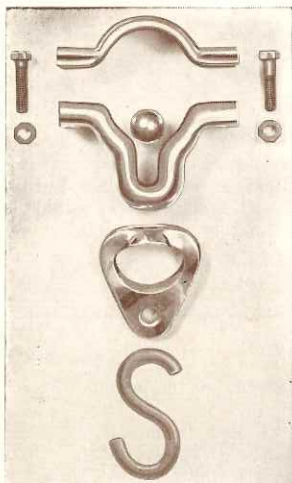
No. Game-time 340 — 16 ft. long — 49 spaces — 340 lbs.	\$89.00
--	---------

REPAIR YOUR SWINGS TODAY . . . ACCIDENTS ARE COSTLY

SWING HANGERS

The first and only all-steel, ball bearing swing hanger! Swing rocks on a one-inch steel ball. Frame is a stamping of heavy, battleship type steel. Fits any make swing. Vastly superior and safer than usual cast iron hanger.

L2 for 2" I.D. Pipe	each \$1.95
L3 for 3" I.D. Pipe	each 2.50
L4 Chain S Hooks	each .10



RINGS

For trapeze work. 7 1/2" diameter, galvanized finish.

L105	each \$3.25
------	-------------



TRAPEZE BAR

Galvanized, cold rolled steel, 24" long. Extra strong for safety. L110.....each \$3.25



SWING SEATS

Straight-grained, splinterless hardwood varnished, with long wearing pressed steel fittings. L70.....each \$

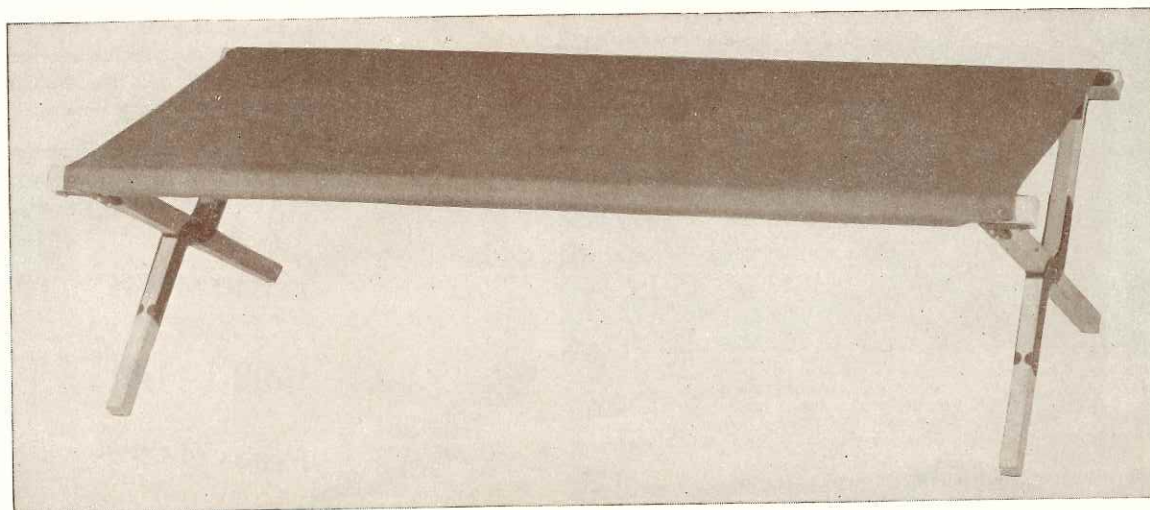
CHAIR SEATS — with protective guards to keep small children from falling out. Safe for tiniest tots. ST350.....each \$5.95

CHAIN

8/0 gauge heavy galvanized chain for safe swinging, foot	\$0.18
Extra long links, 3/8" x 10 1/2" long.	each .18



Cots and Cot Screens



SLUMBER COTS

These cots are made especially for tots. Construction is simple enough so the smallest child can fold the cot without assistance. Quality canvas cover is securely fastened to hardwood frame. Rolled steel hardware. Will last for years under hard use. Open measurements 49½ in. x 21½ in. x 14 in.

No. Game-time 6—Cots, 8½ lbs., each.....\$5.00

RUBBER PLAYGROUND BALLS

SOCCER BALL



No. CS3

Price.....\$7.75

VOLLEYBALL



No. CV4

Price.....\$7.45

BASKETBALL



No. CB2

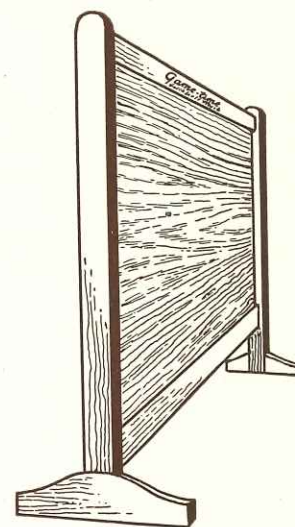
Price.....\$8.95

SOFTBALL



No. C112

Price.....\$1.50



COT SCREEN

Give the child his private slumber room for the rest period. Screens are durably built with hardwood frames and plywood panels, 46 in. high, 48 in. long.

No. Game-time 194—Screen, 14 lbs., each\$9.40

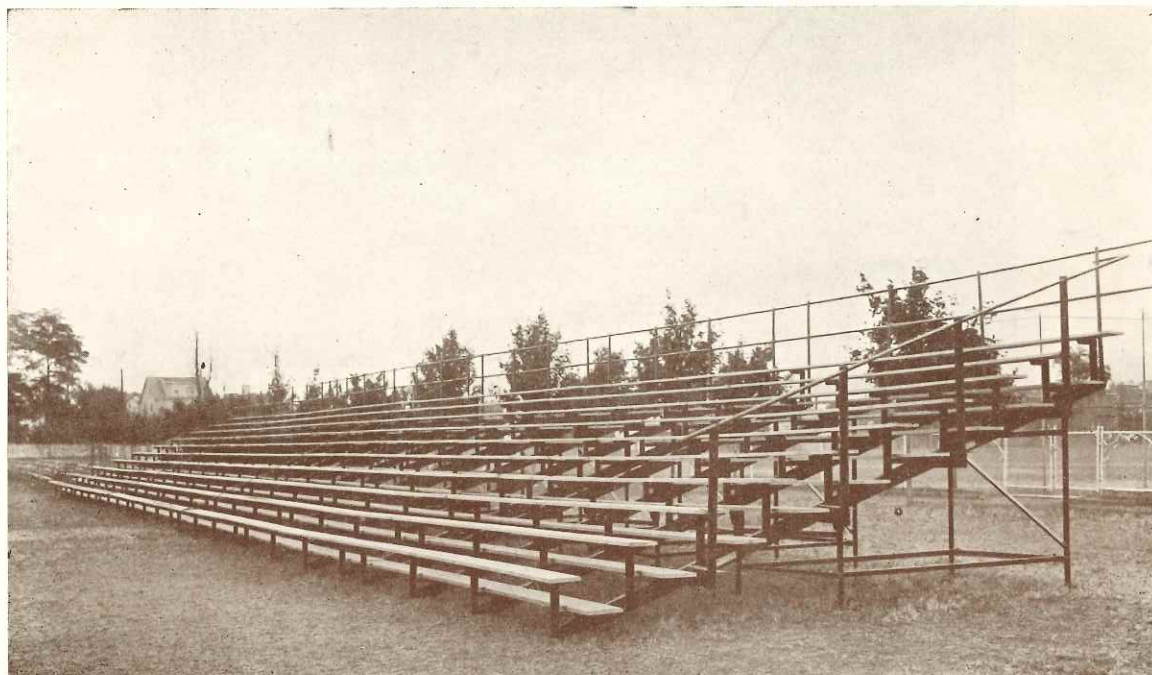
FOOTBALL



No. CF9

Price.....\$8.25

The WILLIAMS "Type F" Steel Portable Grandstand



*This Safe, Practical Grandstand
Will Fully Meet All Requirements.*

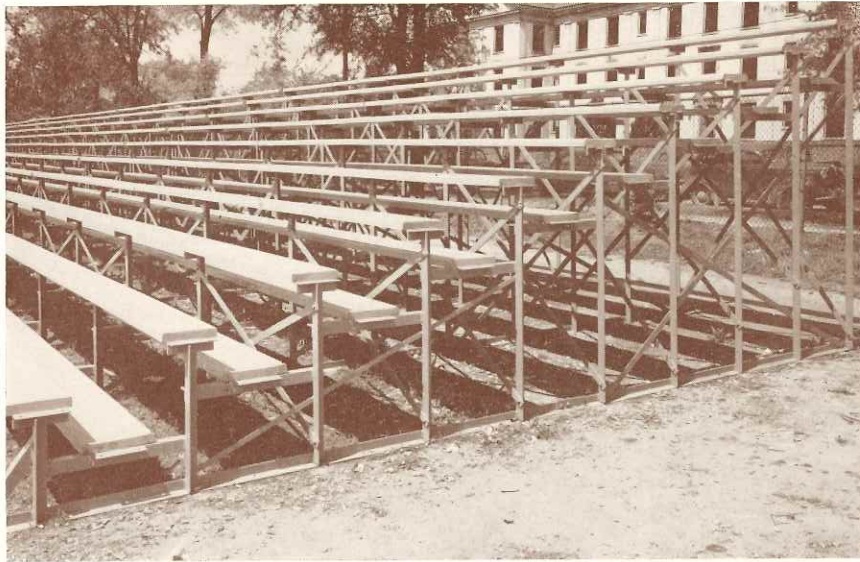
All Bents and Stringers are made of steel, meeting all safety requirements.

The "Type F" can be supplied in any height from 2 to 50 rows and interchangeable sections are 16 feet long. Seat and footboards are of 1½ inch Oregon Fir. Seatboards are latched to supports by tamper-proof lock. Safety side and back rails furnished.

Many schools are using this economical grandstand. Because of its low cost, it provides maximum seating facilities for limited expenditures.

*Other Types of Grandstand Seating Such as Permanent
Steel Grandstands, Open or Roofed, Etc., Available.*

WRITE FOR PRICES AND SPECIFICATIONS



Outside Installation



ALL AMERICAN Bleachers



Designed For
**SAFETY, DURABILITY, ECONOMY,
COMFORT, APPEARANCE AND
EASE OF ERECTION**



ALL AMERICAN Bleachers Are Designed and Manufactured
For Durability and Safety As Well As For Economy.

ALL AMERICAN Bleachers Are Adaptable Either Indoors or
Outdoors.

Write for Quantity Prices

ALL AMERICAN Bleachers

ALL AMERICAN Bleachers Are Manufactured So That the Installation May Be Added to Either in Height or in Length at Any Time.

May Be Erected by Unskilled Labor
With a Minimum of Supervision.

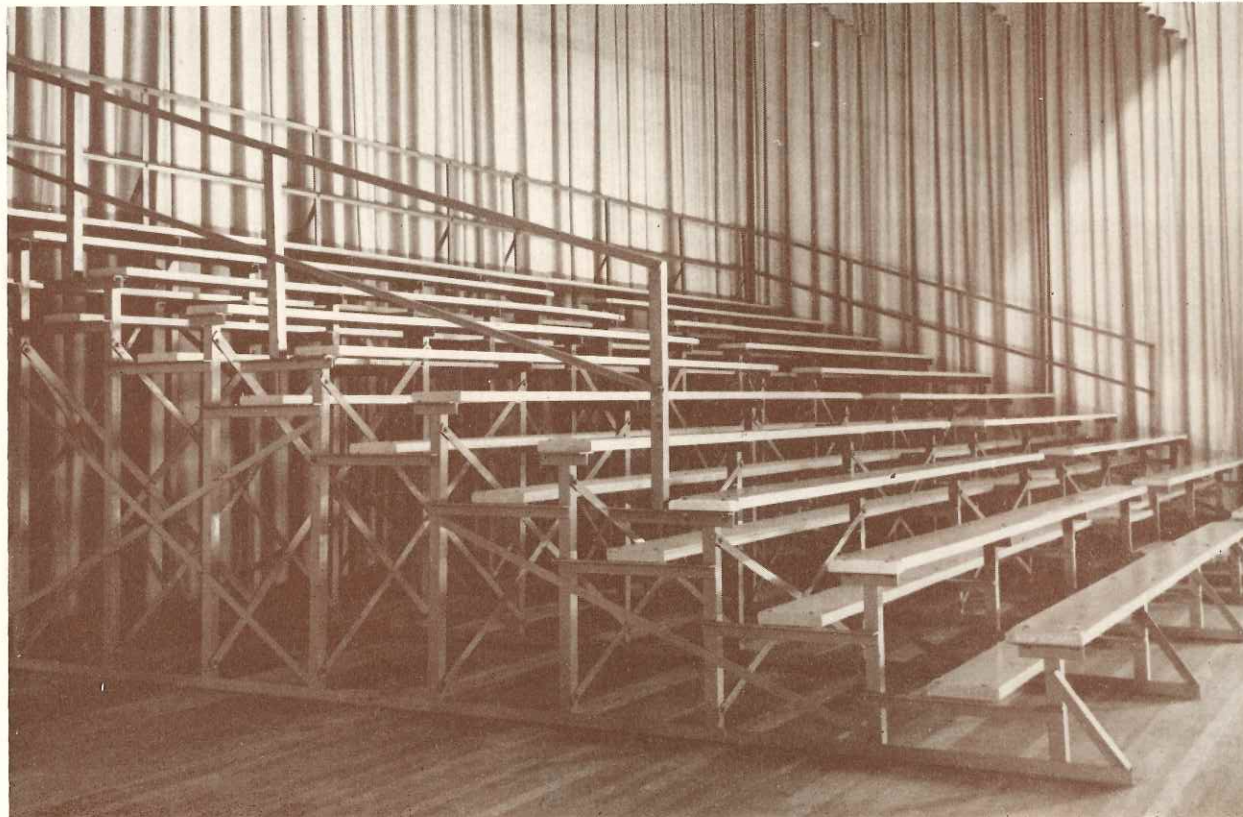
In Erection, the Omission of Any Part
or Parts Is Self-Evident.

For Long-Lasting Seating For Your Athletic Plant
Select

★ ALL AMERICAN ★

ALL AMERICAN Sectional Bleachers May Be Purchased in 3 to 15 Row Units,
and May Be Added To as Desired, Either in Length or Height

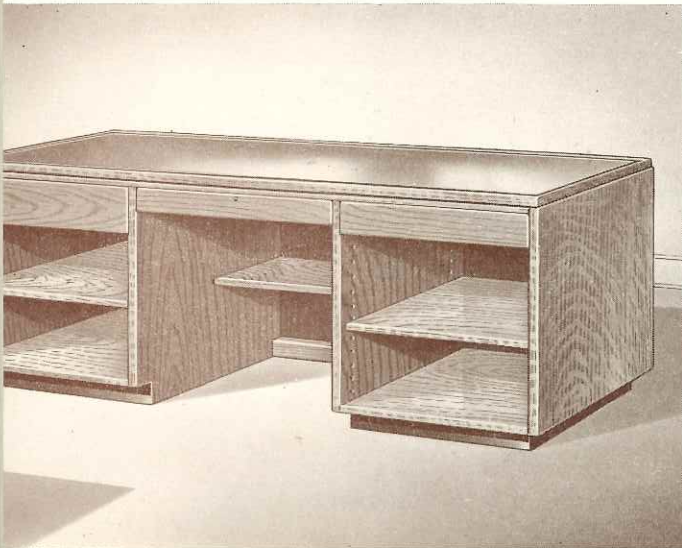
No. Rows	No. Sections	Capacity	Length	Height	Depth
5	1	50	15'	4'	10'
10	1	100	15'	7' 4"	20'
15	1	150	15'	10' 8"	30'



Inside Installation

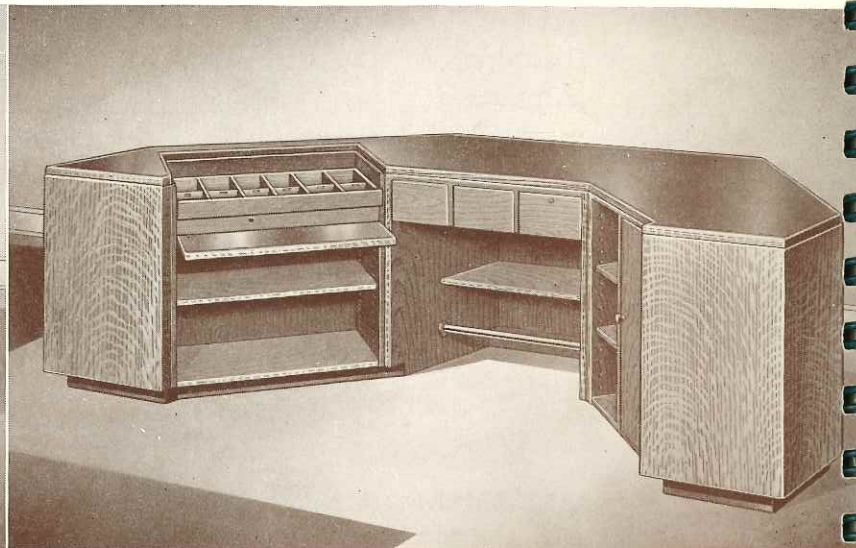
Write for Quantity Prices

Flush Front Charging Desks



No. R-7000 CHARGING DESK

Shipping weight 385 lbs.



R-7001 SECTIONAL CHARGING DESK

Shipping weight 300 lbs.

The No. R-7000 Charging Desk is a complete office for a library. The design is simple, clean, and modern. The front of the desk (not shown) is made flush except for the toe space at the bottom . . . there are no dust-catching panels. The upper left-hand drawer is equipped for four rows of 3 in. x 5 in. cards in vertical position. The right-hand drawer has provision for 3 rows of horizontal 3 in. x 5 in. cards. Both drawers have sliding steel follower blocks to support the cards. The center drawer, for cash, paper clips, pencils, and accessories, has a sliding cash tray and partitions and compartments. There are two open cupboard spaces with one adjustable shelf in each space. The left-hand space is 18 in. high, 21½ in. wide, and 27 in. deep. The right-hand space is the same except the height is 20 in. The knee space has a fixed shelf as shown. Overall dimensions are: Length 72 in., width 28 in., height 30 in. Working surface of brown linoleum with finished, banded edges on a heavy 5-ply wood top (USSN). Made of oak, or birch. Finish—natural, school brown or as you desire.

FOR LARGE OR SMALL LIBRARIES

The sectional Charging Desk No. R-7001 (at upper right) is adapted to libraries of any size. The center section only (No. R-7001) can be used in smaller libraries while the larger institutions can add the two auxiliary end units shown at right.

This desk is organized for the efficient flow of the librarian's work. The librarian's side of the desk is shown at upper right. The top looks continuous, but as this illustration shows, a portion of the working surface can be taken off and slipped into the slots provided for it below the card tray. Thus the card tray is exposed for convenient use. There is space for about 7800 library cards in this tray. The shelf below the tray is adjustable in height.

The center of the desk has three easy-running roller suspension drawers. No pulls are needed as handy finger grips are grooved into the bottom of the drawers. The two left-hand drawers are for supplies while the drawer on the right is equipped with a cash tray and a lock. Drawer dimensions are 10⅞ in. wide, 23 in. deep, and 6¼ in. high. A fixed shelf, out of the way of your knees, provides additional storage space below these drawers. There is also a comfortable round pipe foot rest.

The right end of the desk has an open cupboard space 13 in. x 23 in. x 34 in. with two adjustable shelves. Next to this space is a cupboard space 13 in. x 23 in. x 34 in. with a door.

The unit has toe space all around, finished black. The working surface is of brown linoleum with finished, banded edges fastened to a heavy 5-ply top. Overall dimensions are 9 ft. 6 in. long, 3 ft. 11 in. deep, and 39 in. high. Desk made of oak, or birch. Finished in natural, school brown or as you desire.

Auxiliary units Nos. R-7001-1 and R-7001-2, as shown at right, can be supplied with the desk or you can add them at any time.



OPEN WELL UNIT No. R-7001-1

Working surface of desk height (30 in.). Two blank easy-running roller drawers are 4 in. x 16 in. x 18 in. The cupboard space is 19 in. x 33 in. x 20 in. high. Can be placed on left-hand end of charging desk No. R-7001.

Shipping weight 200 lbs.



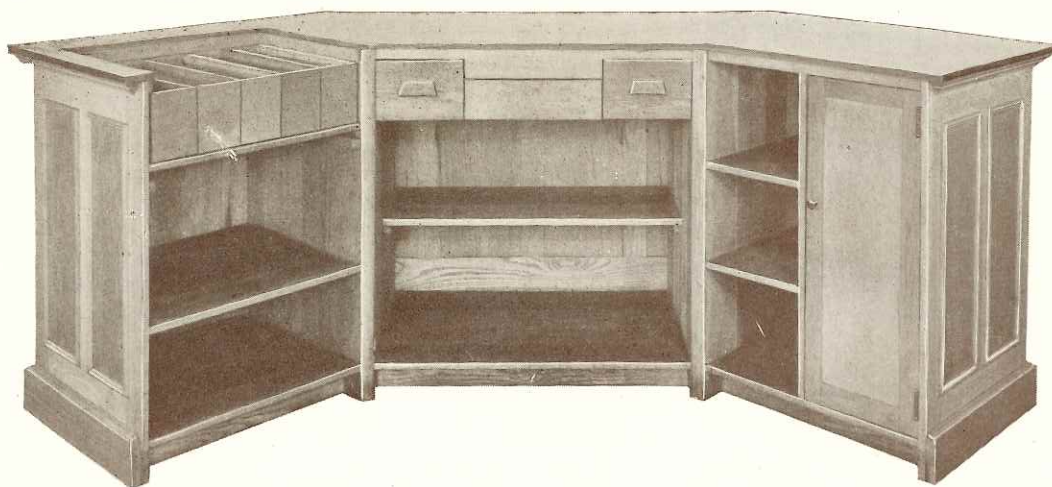
SHELF UNIT No. R-7001-2

For the right-hand end of charging desk No. R-7001, this auxiliary unit provides additional storage space. There are two adjustable shelves in the 19 in. x 34 in. x 33 in. cupboard space.

Shipping weight 200 lbs.

PRICES UPON APPLICATION

Library Furniture—Charging Desks



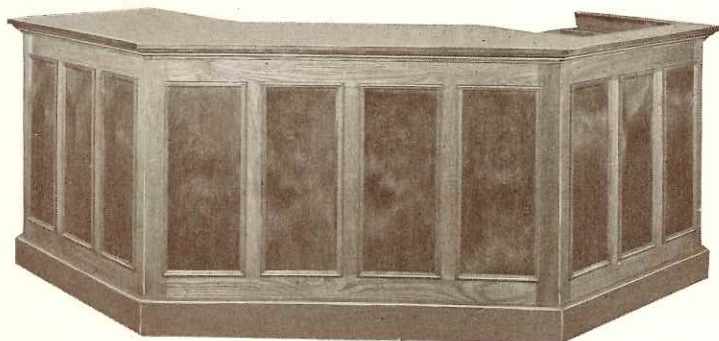
No. 1000.3 CHARGING DESK

Top 9 ft. 6 in. x 3 ft. 11 in. x 2 ft. 2 in.—39 in. High

Price \$468.75

Weight 350 Lbs.

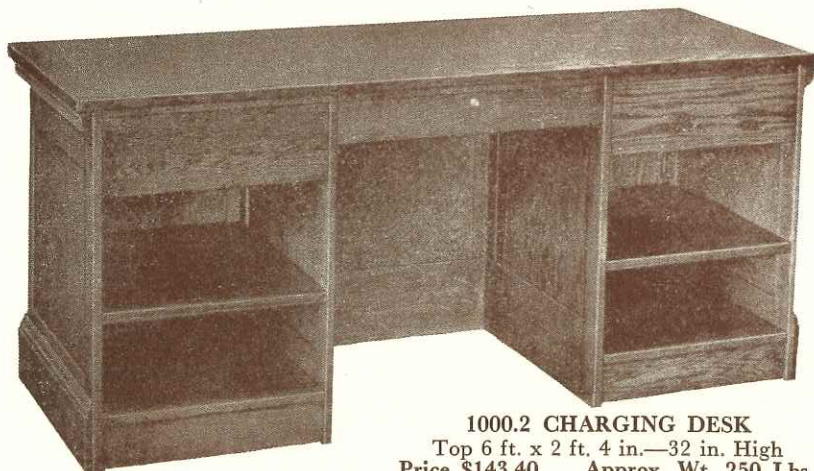
Weight Approx. 500 Lbs.



FRONT VIEW OF No. 1000.3 CHARGING DESK

Of primary importance in a library is the Charging Desk. The unit construction of this desk makes it possible to combine two or more sections to provide equipment meeting any specific requirements. The three units illustrated contain open shelves and closed storage compartments, cash drawer equipped with cylinder lock, one drawer with trays for borrowers cards 5 in. high x 3 in. wide, and one drawer with trays for registration cards 3 in. high x 5 in. wide. A filing compartment in the left unit is fitted with a removable cover, which, when placed in the space provided below the card drawers, becomes a pull-out writing shelf. Additional units may be equipped with open shelves, closed storage space, sitting height writing desk or special facilities as needed. Regularly made from selected quartered oak, these desks can be furnished in other woods if required. The construction embodies the finest type of design and equipment, including cushioned roller-bearing steel extension slides on all drawers. Desks can be furnished with linoleum or prestwood tops on special order.

The straight Charging Desk provides one drawer with trays for cards 5 in. high x 3 in. wide, or cards 5 in. high x 2 in. wide, and one drawer with trays for cards 3 in. high x 5 in. wide. The drawer over knee space, fitted with a cylinder lock, is for storage of cash, clips, pencils, writing materials and miscellaneous supplies. All drawers are mounted on cushioned roller-bearing steel extension slides. The shelves are adjustable. Regularly made from plain oak, this desk can be furnished in other woods on special order.

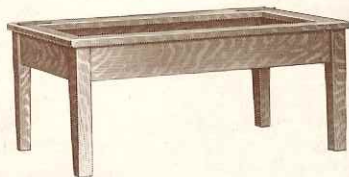
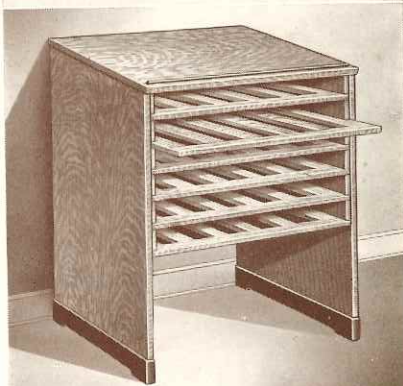


1000.2 CHARGING DESK

Top 6 ft. x 2 ft. 4 in.—32 in. High

Price \$143.40

Approx. Wt. 250 Lbs.

R-7018-5Ship. wgt.
30 lbs.**R-7018-4**Ship. wgt.
40 lbs.**R-7018-3**Ship. wgt.
70 lbs.**R-7018-2**Ship. wgt.
35 lbs.**R-7018-1**Ship. wgt.
100 lbs.**R-7018****R-7020**Ship. wgt.
225 lbs.**R-7021**Ship. wgt.
90 lbs.**R-7028**
Ship. wgt.
20 lbs.

CARD CATALOG CABINET

With these Card Catalog Cabinet units, shown at left, you can built up a cabinet of any capacity or arrangement. Base No. R-7018 is 16 in. high, 33 $\frac{1}{4}$ in. wide and 17 in. from front to back. Unit No. 7018-1 is 15-drawer card file unit. Unit No. 7018-2 is a filing reference shelf unit with two shelves having brown linoleum tops. Unit No. 7018-3 is a ten-drawer card filing unit. Unit No. 7018-4 is a five-drawer card filing unit and Unit No. 7018-5 is a cap unit.

These six units can be combined in any way that you wish. There can be a cap, a fifteen-drawer unit and a base or a cap, five-drawer unit, ten-drawer unit, fifteen-drawer unit and sliding shelf and base. This flexibility of combinations makes it possible for you to have a card cabinet exactly suited to your needs. Each card drawer has a label holder and pull with a brass finish. Self-locking rods are provided to pass through the holes at the bottom of the card. Steel followers are positive and easily adjustable.

TWO-DRAWER VERTICAL FILE No. R-7019

Base No. R-7019 is used to support the two drawer vertical filing unit No. 7019-1. The unit and base are made separately to permit using the unit on a table without the base as desired. No. extra cap is needed as the unit No. R-7019-1 has a finished top. The card, catalog cabinets can be placed above this two-drawer unit if desired. The unit is very useful for pamphlets, pictures and clippings. Overall size of the base is 33 $\frac{1}{4}$ in. wide, 16 in. high and 24 in. from front to back. The unit is of the same length and width, but 13 $\frac{1}{4}$ in. high.

Shipping weight 175 lbs.

Base No. R-7019 and
Unit No. R-7019-1

ATLAS AND DICTIONARY STAND No. R-7020

This convenient stand has sliding shelves so that an atlas may be used without removing it from the cabinet. The sloping top is very convenient for dictionary reference or for lecture notes, 30 in. wide, 30 $\frac{1}{2}$ in. front to back and 44 in. high overall; six sliding shelves; standard materials and finishes.

DICTIONARY STAND No. R-7021

The full width sloping top of this dictionary stand is very convenient for dictionary reference. Oversize volumes, large catalogs, etc. can be stored in the two fixed lower shelves. The cabinet is 23 in. wide, 14 $\frac{1}{2}$ in. from front to back and 44 in. high overall. Standard materials and finishes can be supplied.

DICTIONARY STAND No. R-7028

A convenient dictionary stand for table top use. Sloping top has a 21 in. long ledge to hold dictionary in place, 23 in. wide, 12 in. from front to back, 6 in. high. The sloping top is 13 $\frac{5}{8}$ in. front to back and 23 in. wide. 1/16 in. green felt is glued to the bottom of the stand to prevent marring the finish of the table top.

Library Furniture

MAGAZINE RACK UNIT No. R-7023

Shipping weight 240 lbs.

ADJUSTABLE HOLDERS No. R-7024

Shipping weight 1½ lbs.

You can file an average of forty different magazines in this magazine rack. They can be indexed alphabetically if desired because the holders are adjustable for magazines of various sizes so that the tops of the magazines are level and orderly. The holders can also slide from side to side to accommodate more or fewer magazines in orderly arrangement. More than one copy of a magazine can be put on a holder.

The bottom partition slopes backward. The other seven partitions are vertical inasmuch as the bottom of the card holder is sloped upward to prevent magazines from falling off. A card label holder enables you to index the rack so that patrons know where to place magazines and can also tell when magazines are removed.

The rack is available in oak with school furniture brown finish or birch in other finishes to match other library furniture. The holders are finished in black baked enamel. The rack is 48 in. wide, 24 in. from front to back and 66 in. high.

NEWSPAPER RACK No. R-7025

Shipping weight 100 lbs.

Any paper can be removed from this sturdily built and compact newspaper rack without interfering with the other nine papers. Standard 30 in. newspaper holders can be used on this rack. Securely fastened metal hooks for newspaper holders cannot come loose. The rack is 30 in. wide, 14½ in. from front to back and 5 ft. high, made of quartered oak or birch in standard finishes.

BOOK TRUCK No. 7026

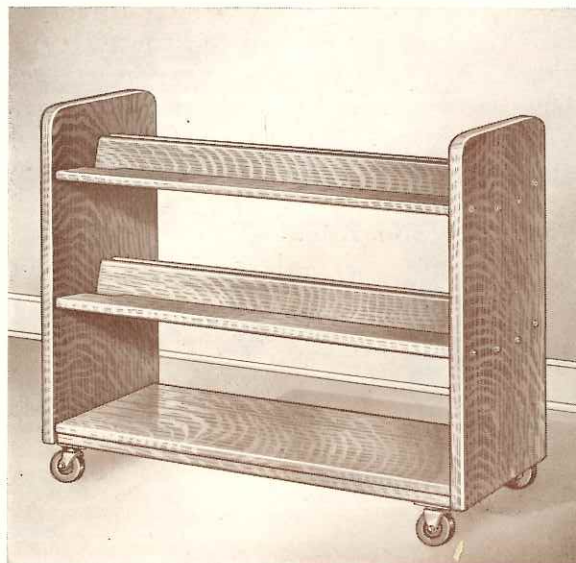
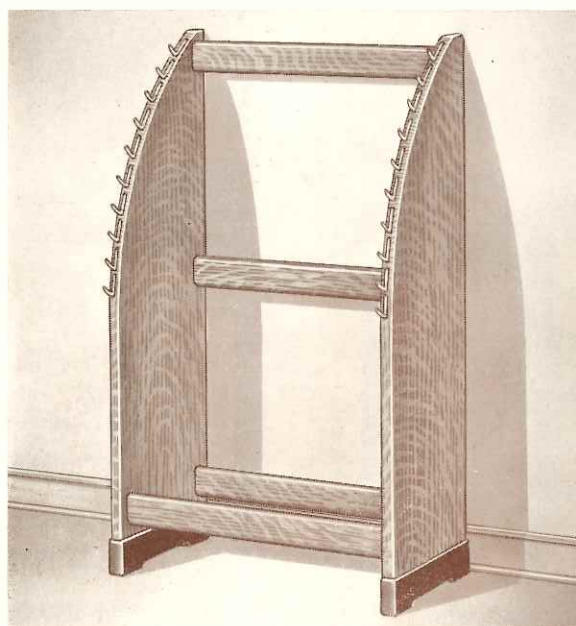
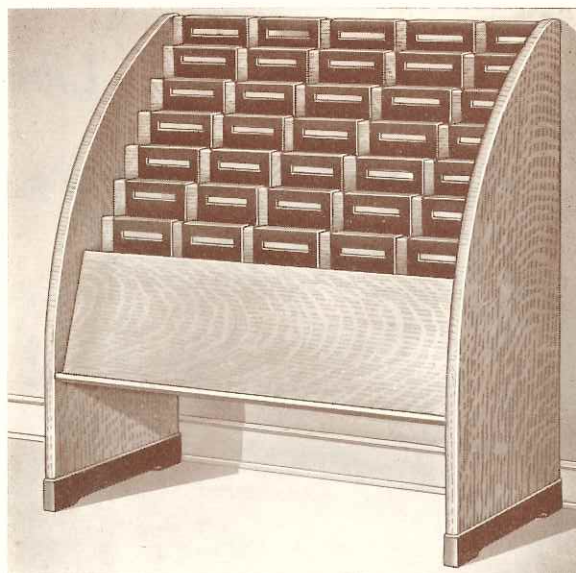
Shipping weight 120 lbs.

Sloping shelves on this combination book carrying and display truck make book titles easy to read. Cutouts on ends of sloping shelves permit quick cleaning of shelves. The closed backs of the sloping shelves permit the truck to be used for display and storage.

The truck is 32 in. wide, 15¾ in. from front to back and 38 in. high, made of oak or birch, standard finishes, regularly supplied with noiseless solid rubber tires and swivel casters. Cushion rubber tires and rubber bumpers supplied at extra cost.

STEP STOOL AND SEAT No. R-7022

This back-saving combination stepstool and seat has many uses. It is a seat when you work at lower shelves and drawers. It is a step with safe wide top that helps you reach high shelves. Has opening in inside shelf corners for easy cleaning. The top is 10 in. x 17¾ in. wide. Overall 19¾ in. x 17 in. x 14 in. high. Oak, school furniture brown, or natural.



Library Furniture

PORTABLE STUDY UNIT No. R-7031



R-7031

Shipping weight 150 lbs.

Here is a study unit which provides the privacy given by carrell units in college and university libraries and the super vision control which is necessary for general reading and reference work in school and public libraries. The 8 in. high back on the desk working surface permits this extra supervision control. It is a light table that can be easily moved, when necessary. In batteries it converts any library space into an ideal individual study room or classroom. A fluorescent lighting fixture (which operates only on 60 Cycle A. C. current) provides glare-free light that reduces eye strain. The desk top is 30 in. from front to back and 40 in. wide. It is pitched at a gentle slope for convenience. The projection of the top beyond the table legs allows free space of 35 in., a drawer 5 $\frac{3}{4}$ in. high, and 35 in. wide is provided and this pulls out from the back of the unit and is used by the individual studying at the desk in front. Thus, when these units are used in a row, one behind the other, each individual uses the drawer unit behind. The drawers are provided with locks for safe keeping of books and materials until the work is completed and the unit is reassigned. The unit is 40 in. wide overall and 41 in. high, not including the fluorescent light fixture. The table base is 18 in. from front to back and overall from front to back the unit is 30 $\frac{1}{2}$ in. Made in standard materials and finishes.

MODERN PEDESTAL TABLE

For those who like the smart styling and the convenience and utility of modern design, this unusual pedestal table has been provided. All edges are rounded to harmonize with the design of the base ends. The wide top gives the unit an appearance of stability and strength. The top has a linoleum covering for glare-free work. It is finished underneath and reinforced with heavy cleats. Available in standard materials and finishes.

No. R-7034—Size 36 in. x 60 in.

No. 7035—36 in. x 90 in.

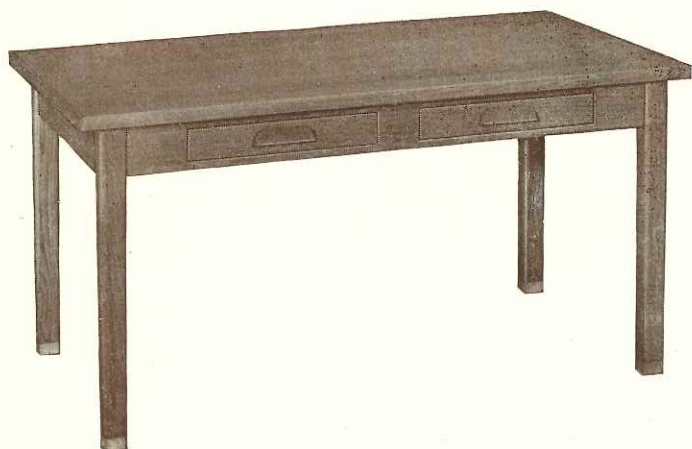
No. R-3-171—48 in. x 120 in.



R-7034

Shipping weight 250 lbs.

Library Tables



No. 360-T

TABLE ILLUSTRATED TOP 60 IN. x 36 IN.

Manufactured from full quartered oak throughout. These tables represent the best workmanship of skilled cabinet makers. The top is made of 5 ply and is 1 1/4 in. thick. Legs are five-piece mitered construction to show figured grain on all four sides, and are attached to aprons with heavy two-bolt corner irons, thus giving the strongest possible construction. Finished in standard school brown, walnut or mahogany.

	Ship. Wt.	Price
No. 360-T—Table—Top 60 in. x 36 in.....	110 lbs.	\$ 38.00
No. 372-T—Table—Top 72 in. x 36 in.....	130 lbs.	41.90
No. 396-T—Table—Top 96 in. x 42 in.....	190 lbs.	101.20

No. 87-D KINDERGARTEN TABLES

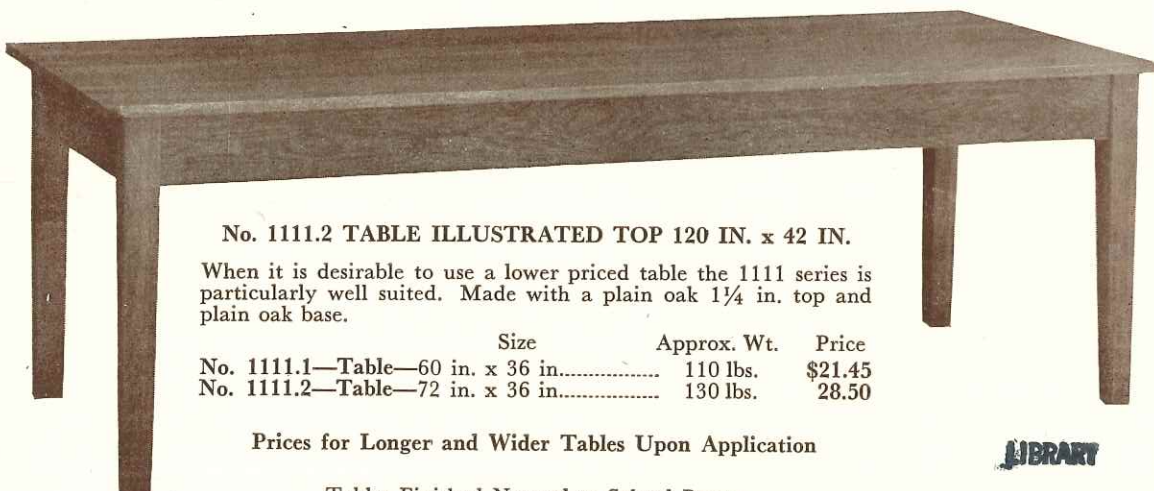
These kindergarten tables are made from close-grained hardwoods throughout. Tops are 1 1/8 in. thick of solid stock, securely fastened to heavy aprons. Legs are 1 3/4 in. square and are fastened with heavy hanger bolts to steel corner braces.

Sizes are as follows:	Approx. Wt.	Maple	Oak
No. 87-D—36 in. Diameter	100 lbs.	\$15.05	\$16.70
No. 88-D—42 in. Diameter	130 lbs.	17.60	19.50
No. 89-D—48 in. Diameter	175 lbs.	21.25	23.60
No. 90-D—54 in. Diameter	190 lbs.	25.00	27.80



↑ No. 1110 ROUND TABLES

	Ship. Wt.	Price
1110.42—Diameter 42 in.	130 lbs.	\$60.00
1110.48—Diameter 48 in.	175 lbs.	66.00
1110.60—Diameter 60 in.	190 lbs.	75.00



No. 1111.2 TABLE ILLUSTRATED TOP 120 IN. x 42 IN.

When it is desirable to use a lower priced table the 1111 series is particularly well suited. Made with a plain oak 1 1/4 in. top and plain oak base.

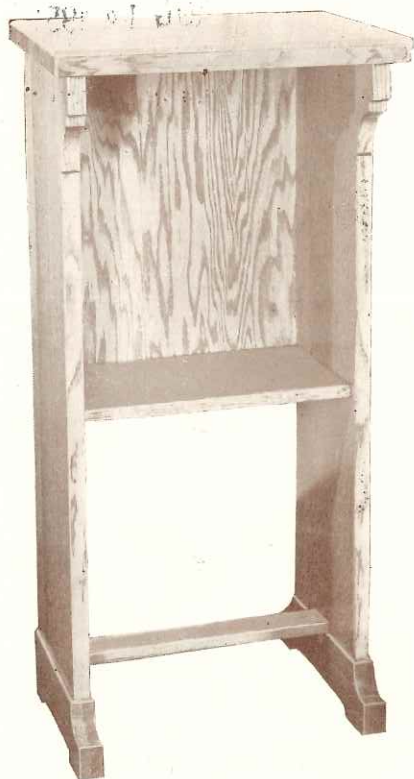
	Size	Approx. Wt.	Price
No. 1111.1—Table—60 in. x 36 in.....		110 lbs.	\$21.45
No. 1111.2—Table—72 in. x 36 in.....		130 lbs.	28.50

Prices for Longer and Wider Tables Upon Application

Tables Finished Natural or School Brown

LIBRARY

Library Furniture

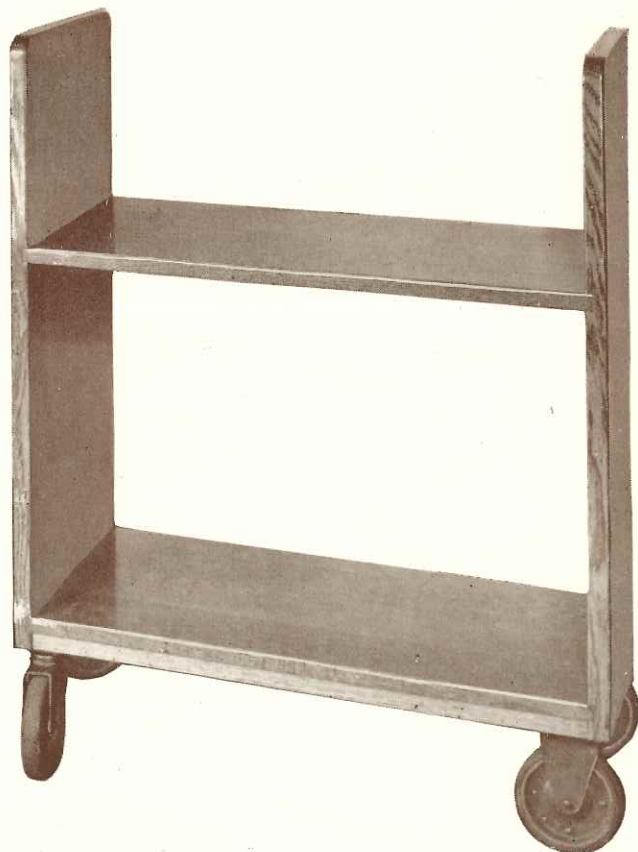


←
No. 1030.2
DICTIONARY
STAND

This Dictionary Stand contains shelves for special editions and a slanting top at the proper height for convenient use of any book. Stand No. 1030.2 measures 41 in. high at the front, 44½ in. high at the back, with a top 21½ in. wide x 15 in. deep.

Price \$28.85

Approx. weight 70 lbs.



No. 1060.2 BOOK TRUCK ↑

Book Trucks manufactured from the same material and in complete harmony of design and finish with the other library equipment should be used. Rubber bumpers are provided to prevent marring of tables and desks, and the trucks are rolled with a minimum amount of effort on ballbearing rubber-tired casters. Dimensions of No. 1060.2, illustrated above are 42¾ in. high, 40 in. long, and 14½ in. deep.

Price.....\$46.45

Approx. weight 120 lbs.



←
No. 1020.2 MAGAZINE RACK

Compartments are provided in these Magazine Racks for convenient display of periodicals. Pattern No. 1020.2, illustrated, is 60 in. high, 23 in. deep, and 48 in. wide, with seven compartments. Pattern No. 1020.1, the smaller size, is especially recommended for children's rooms. Both newspaper and magazine racks are regularly made from selected quartered oak, but can be furnished in other woods on special order.

Price.....\$69.70

Approx. weight 200 lbs.

PATENT OFFICE

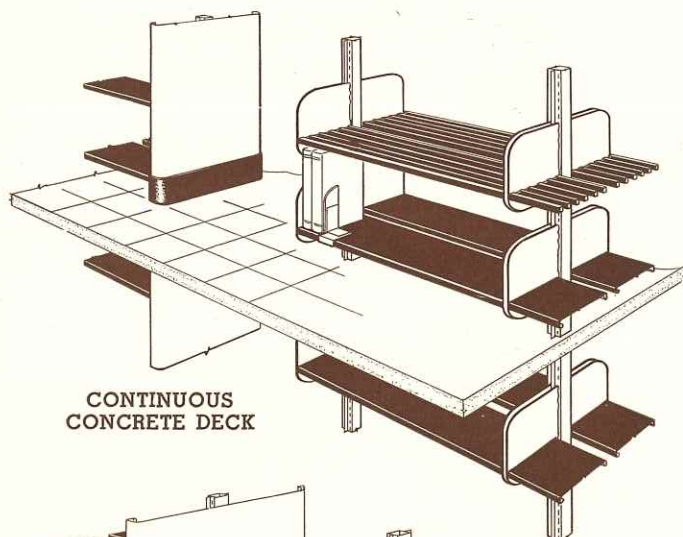
AUG 14 1951

DESIGN DIVISION

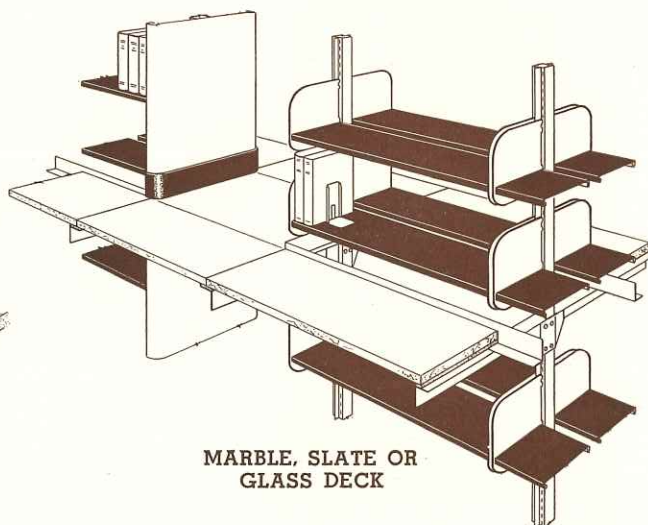
MULTI-TIER Stacks

Condensed Guide to Modern Deck Construction

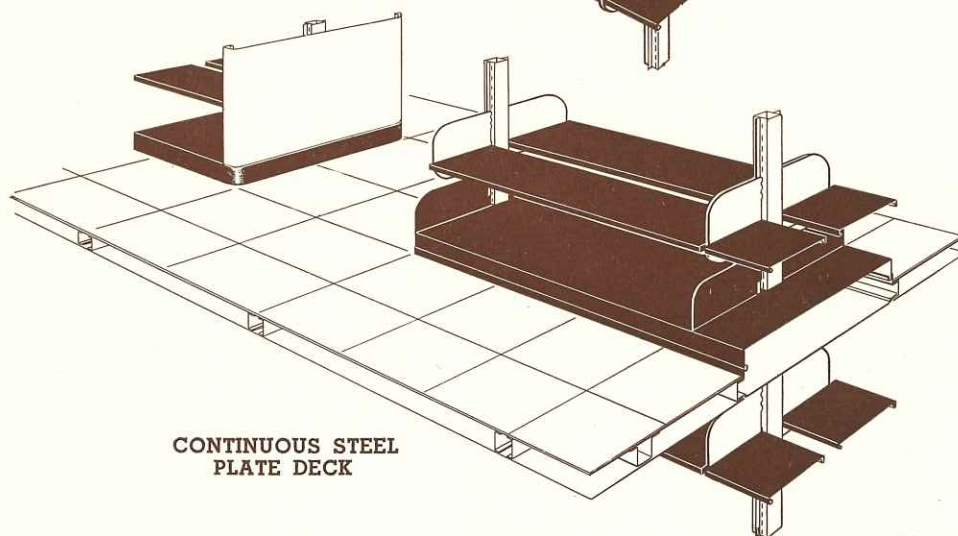
Here is a brief description of five principal methods of building decks for bookstacks two or more tiers in height.



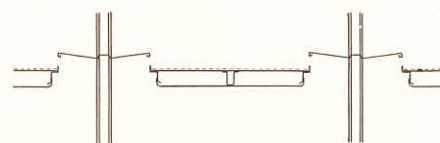
CONTINUOUS
CONCRETE DECK



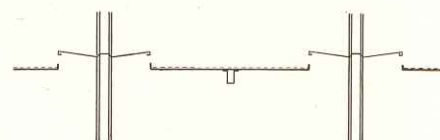
MARBLE, SLATE OR
GLASS DECK



CONTINUOUS STEEL
PLATE DECK



FLUSH AISLE CEILING



PANEL TYPE

Continuous Steel Plate Deck

This is the type of deck most easily installed in existing buildings. It provides a flush, durably finished, light reflecting ceiling and a quiet, resilient tile-covered floor. Electrical work is concealed and ventilation provisions can be incorporated in this construction.

Open Well Steel Plate Deck

Open wells facilitate vertical air circulation throughout stacks. Floors and ceilings same as above. Made in two styles: PANEL type, in which the supporting members

are visible, and the FLUSH AISLE CEILING type, which includes a finishing panel above aisles to conceal the aisle reinforcements. These two types give you more book space.

Marble, Slate or Glass Deck

Once widely used, this type of deck has been supplanted by the more modern construction with quiet, resilient floors described above. This deck is usually of the open well type.

Continuous Concrete Deck

The concrete deck costs less to install in a building under construction. It is the heaviest type of deck.

Prices on Application

Junior Executive Office Group

This is a new, well designed, turned leg pattern being produced in a complete range of sizes in desks and tables and including all necessary accessories.

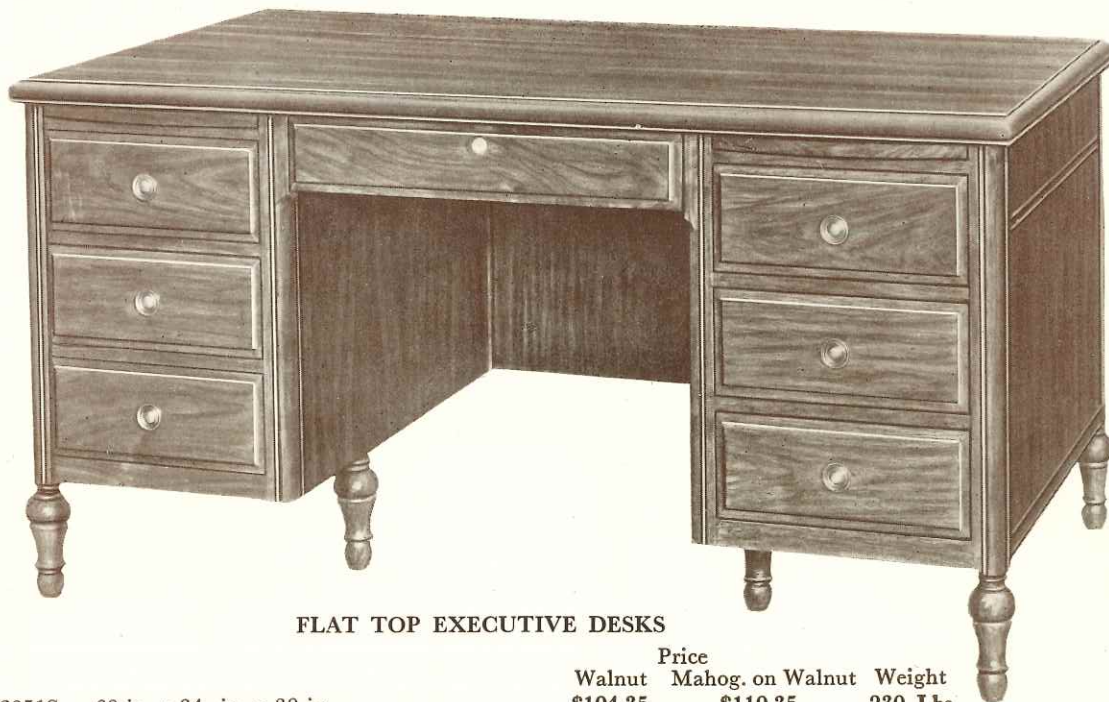
The EXCLUSIVE INTERLOCKING DOVETAIL CONSTRUCTION used in this group assures the consumer the very best in construction.



6651S4 EXECUTIVE DESK

66 in. x 36 in. x 30 in.

	Price	
	Walnut	Mahog. on Walnut
Walnut exterior and drawer interiors.....	\$139.30	\$147.15
Utility slide furnished when ordered, at extra charge.....	6.05	6.65
Weight.....	280 Lbs.	



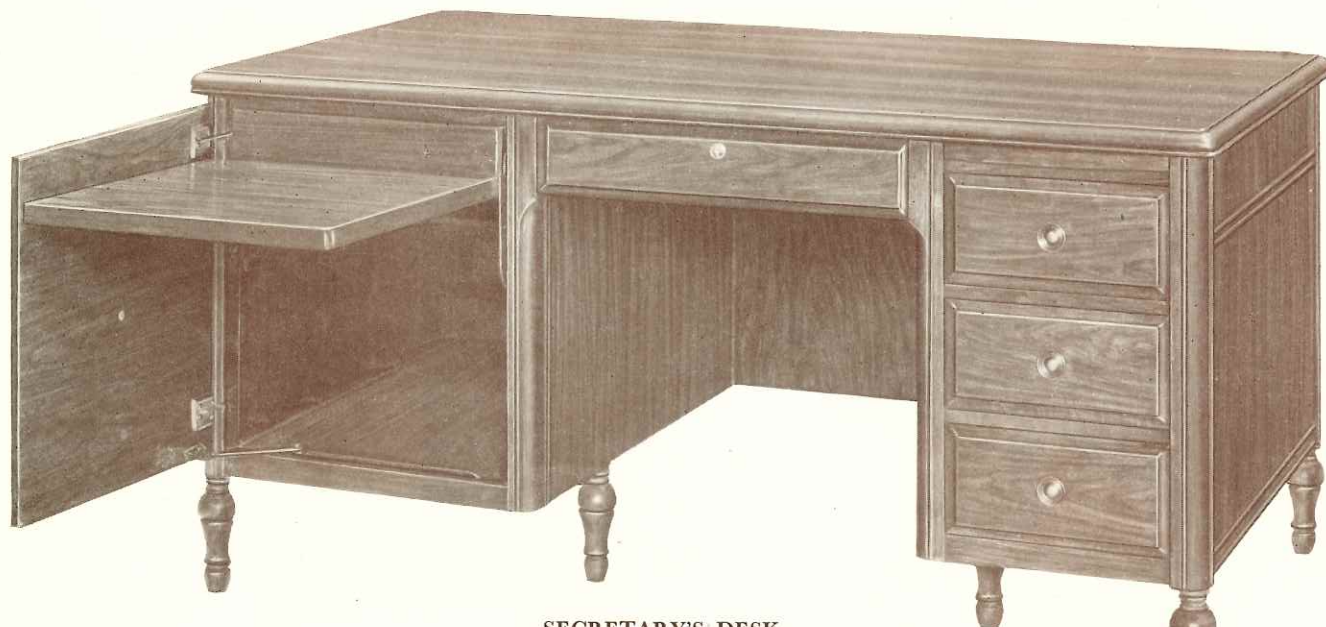
FLAT TOP EXECUTIVE DESKS

		Price		
		Walnut	Mahog. on Walnut	Weight
6051S	60 in. x 34 in. x 30 in.....	\$104.35	\$110.35	230 Lbs.
5051S	50 in. x 32 in. x 30 in.....	96.50	101.90	200 Lbs.
5051½S	50 in. x 26 in. x 30 in.....	91.05	96.50	160 Lbs.

FINISHES: Walnut, Mahogany on Walnut.

Junior Executive Office Group

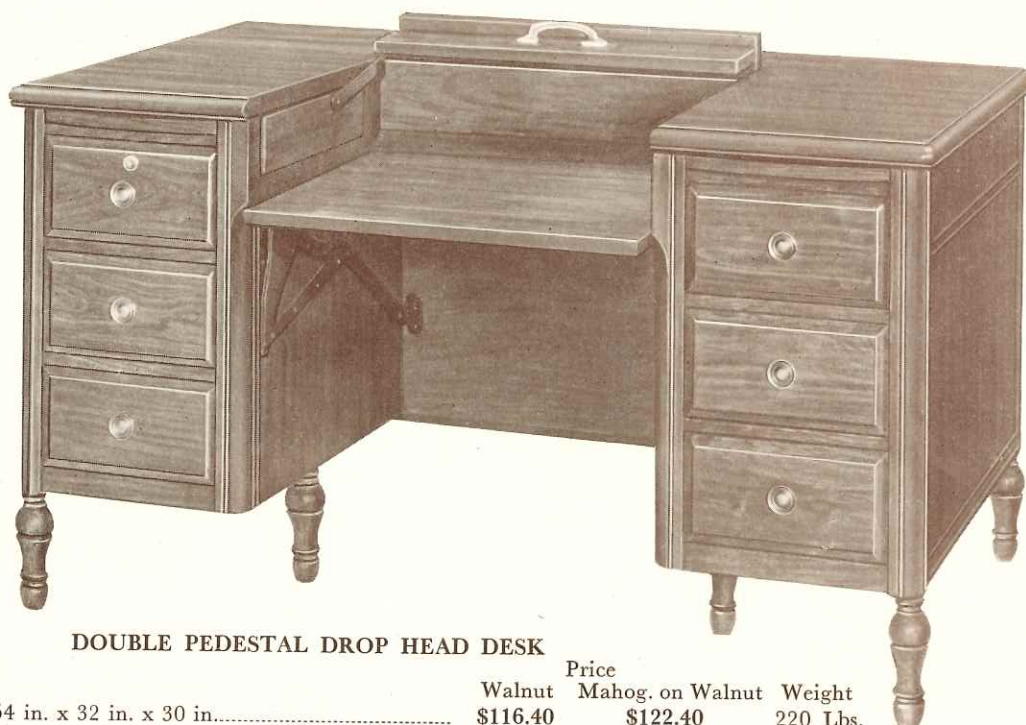
MATERIAL: All walnut exteriors with walnut drawers in the 6651S4 Executive desk and 9651T and 6651T tables. Tops are 1¼ in. with mitered, moulded solid walnut rims and corners rounded.



SECRETARY'S DESK

		Walnut	Price Mahog. on Walnut	Weight
6051PF	60 in. x 34 in. x 30 in.....	\$118.80	\$124.85	230 Lbs.
5051E	50 in. x 32 in. x 30 in. Easy Lift.....	109.75	115.20	200 Lbs.

Typewriter pedestal on either side



DOUBLE PEDESTAL DROP HEAD DESK

		Walnut	Price Mahog. on Walnut	Weight
5451F	54 in. x 32 in. x 30 in.....	\$116.40	\$122.40	220 Lbs.

FINISHES: Walnut, Mahogany on Walnut.

Junior Executive Office Group

DRAWER EQUIPMENT: Two convenience trays in center drawer. Deep drawer with file compressor in top right pedestal of all double pedestal flat top desks and middle position of right pedestal in 4-drawer desk. Other top drawers equipped with loose partitions in adjustable metal holders permitting fractional adjustment of spacing.



SINGLE PEDESTAL DESK

		Price		Weight
		Walnut	Mahog. on Walnut	
4251S	42 in. x 32 in. x 30 in.....	\$85.65	\$90.45	140 Lbs.



SINGLE PEDESTAL DROP HEAD DESK

		Price		Weight
		Walnut	Mahog. on Walnut	
4251F	42 in. x 32 in. x 30 in.....	\$96.50	\$101.30	150 Lbs.

FINISHES: Walnut, Mahogany on Walnut.

Junior Executive Office Group

LOCKING DEVICE: All flat top desks are equipped with automatic locking control that is positive, easy to operate and quiet. Center drawer has smooth "Kick-back" tension so that pedestal drawers are always unlocked while desk is being used. Typewriter desk equipped with lock only on center or top right pedestal drawer.



OFFICE TABLES

		Walnut	Price Mahog. on Walnut	Weight
9651T	96 x 42 x 30..... (Made with center leg)	\$132.70	\$139.90	325 Lbs.
6651T	66 x 36 x 30..... (Walnut drawer interiors)	64.55	68.15	125 Lbs.
6051T	60 x 34 x 30.....	61.50	65.15	100 Lbs.
5051T	50 x 32 x 30..... (One drawer)	57.90	60.90	75 Lbs.

All measurements in inches



OFFICE TABLES

		Walnut	Price Mahog. on Walnut	Weight
4851½T	48 in x 20 in. x 30 in.....	\$39.20	\$42.25	60 Lbs.
3651½T	36 in. x 20 in. x 30 in.....	34.40	37.40	50 Lbs.

FINISHES: Walnut, Mahogany on Walnut.

Junior Executive Office Group



HARDWARE: Beautiful turned brass Knobs in English Antique finish.

← **No. 2051T TELEPHONE STAND**

20 in. x 16 in. x 28 in.

Price

Walnut	Mahog. on Walnut	Weight
\$22.35	\$24.15	25 Lbs.

No. 2051P TELEPHONE CABINET →

20 in. x 16 in. x 28 in.

Price

Walnut	Mahog. on Walnut	Weight
\$44.65	\$47.05	50 Lbs.

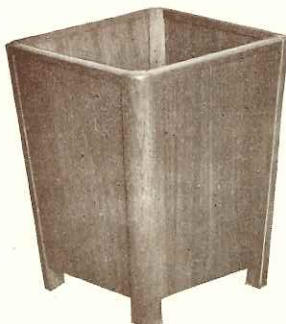


DESK TRAY

15 in. x 10 in.

Price

Walnut	Mahog. on Walnut	Weight
\$2.45	\$2.75	5 Lbs.



No. 1651 WASTE BASKET

13 in. x 13 in. x 15 in.

Price

Walnut	Mahog. on Walnut	Weight
\$15.10	\$16.30	12 Lbs.



No. 4051 BOOKCASE

40 in. x 15 in. x 52 in.

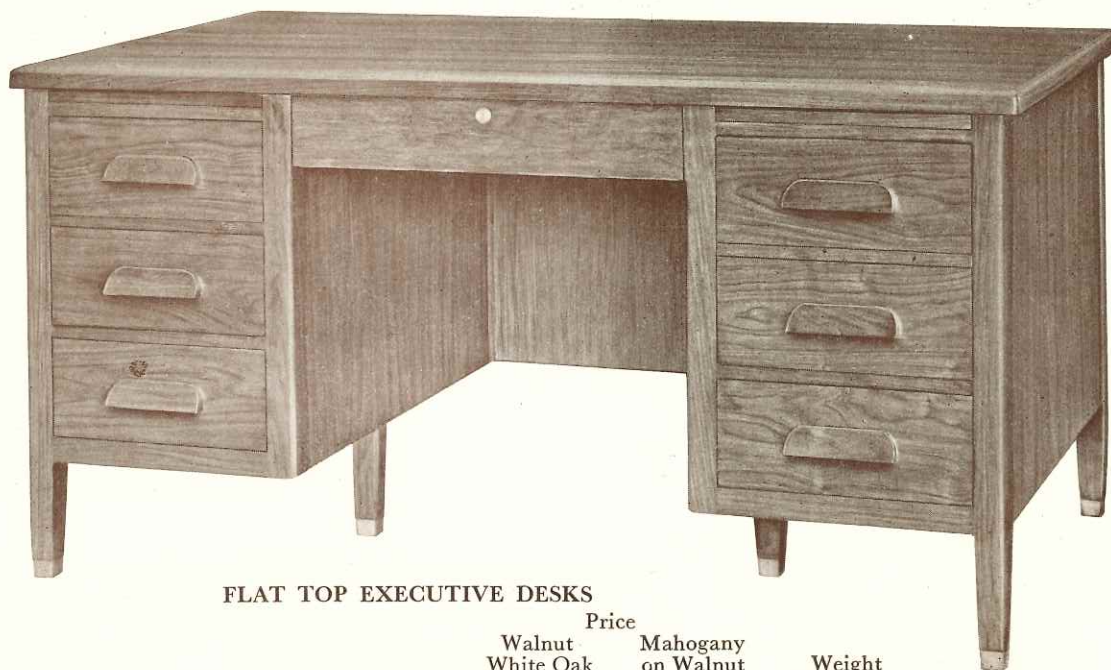
Price

Walnut	Mahog. on Walnut	Weight
\$90.45	\$96.50	150 Lbs.

FINISHES: Walnut, Mahogany on Walnut.

General Office Furniture Group

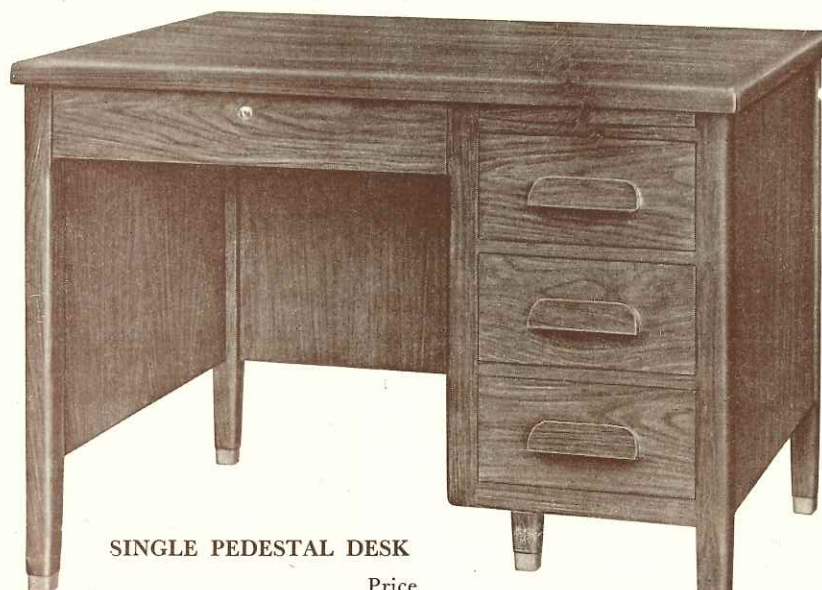
DESCRIPTION—This group is adopted for General Office use and Standardizations, where there is a recognition for quality and low maintenance costs. It maintains a standard of quality with **BRASS FERRULES** and **RECESSED CENTER LEGS** along with many other features to make it a sound investment.



FLAT TOP EXECUTIVE DESKS

		Price		Weight
		Walnut White Oak	Mahogany on Walnut	
7230 S	72 x 36 x 30.....	\$105.55	\$111.55	260 Lbs.
6630 S	60 x 34 x 30.....	99.50	105.55	250 Lbs.
6030 S	60 x 34 x 30.....	88.05	93.50	230 Lbs.
5430 S	54 x 32 x 30.....	84.45	89.85	210 Lbs.
5030 S	50 x 32 x 30.....	82.65	87.45	200 Lbs.

All measurements in inches



SINGLE PEDESTAL DESK

		Price		Weight
		Walnut White Oak	Mahogany on Walnut	
4230 S	42 in. x 32 in x 30 in.....	\$68.75	\$73.00	140 Lbs.

FINISHES: Walnut, Quartered Oak, Mahogany on Walnut.

General Office Furniture Group

MATERIAL—All Quartered Oak and Genuine Walnut exteriors. 1½ in top 5-ply, banded with heavy lumber rim and 1¾ in. posts. Table legs have 3 in. box construction.



SECRETARY'S DESK

		Price		Weight
		Walnut White Oak	Mahogany on Walnut	
6030 PF	60 in. x 34 in. x 30 in.....	\$100.70	\$106.15	230 Lbs.
5030 E	50 in. x 32 in. x 30 in. Easy Life.....	91.65	97.10	210 Lbs.

Typewriter pedestal on either side.



COMPTOMETER DESK

		Price		Weight
		Walnut White Oak	Mahogany on Walnut	
6030 CS	60 in. x 34 in. x 30 in.....	\$91.05	\$96.50	180 Lbs.

This platform bed is designed to accommodate any standard size calculating machine.

Width—Front 19¼ in, Rear 12 in. Depth—22½ in. Height from Floor—25½ in.

FINISHES: Walnut, Quartered Oak, Mahogany on Walnut.

General Office Furniture Group

DRAWER EQUIPMENT—Center drawer has convenience tray. Deep drawer in upper right pedestal. Other drawers have loose partitions operating in metal holders, permitting fractional adjustment of spacing. Pedestal bottoms have 3-ply dust panels.

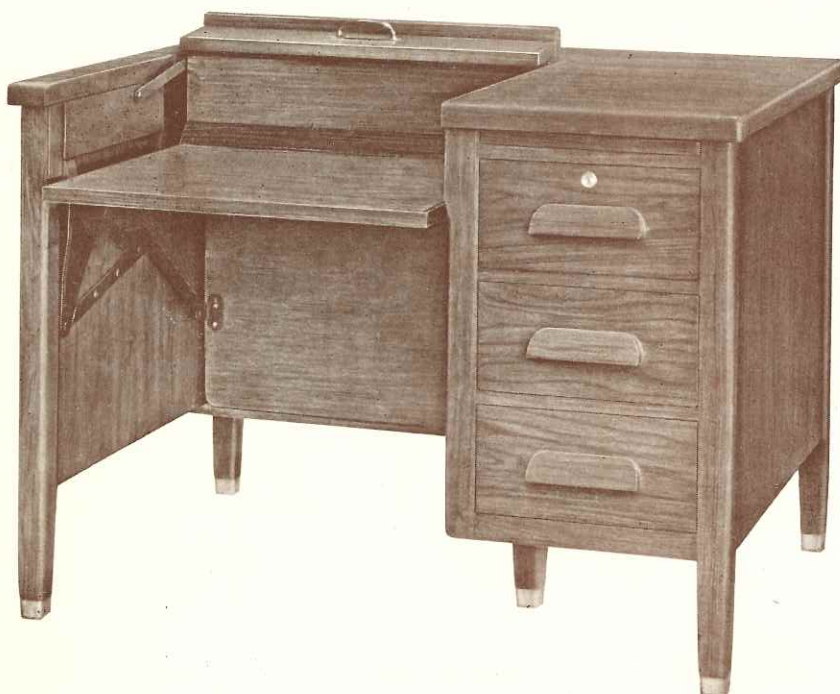


DOUBLE PEDESTAL DROPHEAD DESK

5430 F 54 in. x 32 in. x 30 in.

5430 FW (Not illustrated) Similar to 5430 F. With Fixed Well for office machines.

	Price		Weight
	Walnut White Oak	Mahogany on Walnut	
No. 5430 F	\$97.70	\$102.55	220 Lbs.
No. 5430 FW	95.30	100.70	210 Lbs.



SINGLE PEDESTAL DROPHEAD DESK

4230 F 42 in. x 32 in. x 30 in.

4230 FW (Not illustrated) Similar to 4230 F.

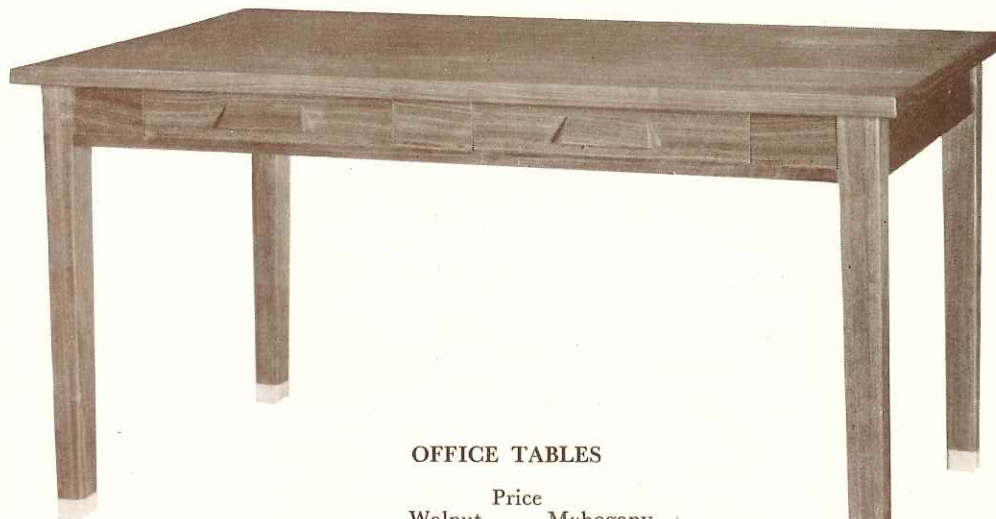
With Fixed Well for office machines.

	Price		Weight
	Walnut White Oak	Mahogany on Walnut	
No. 4230 F	\$82.65	\$87.45	150 Lbs.
No. 4230 FW	80.20	85.65	140 Lbs.

FINISHES: Walnut, Quartered Oak, Mahogany on Walnut.

General Office Furniture Group

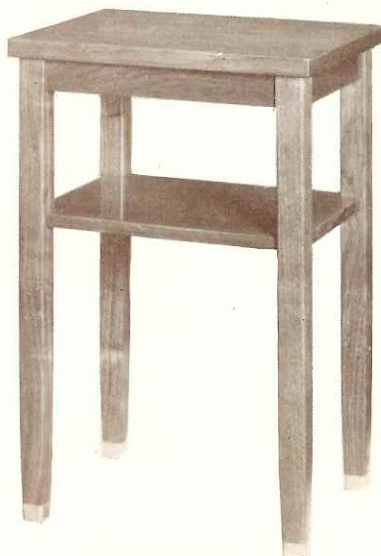
LOCKING MECHANISM—An automatic locking control that is positive, easy to operate and quiet. Center drawer has smooth "kick-back" tension remaining in open position and locks pedestal drawers with slight pressure and turn of key.



OFFICE TABLES

		Price		Weight
		Walnut White Oak	Mahogany on Walnut	
9630 T	96 x 42 x 30.....	\$115.20	\$122.40	325 Lbs.
9630 T has center leg.				
7230 T	72 x 36 x 30.....	59.10	63.35	150 Lbs.
6030 T	60 x 34 x 30.....	53.10	56.70	115 Lbs.
5030 T	50 x 32 x 30.....	48.85	51.85	75 Lbs.
3630 T	36 x 26 x 30.....	36.80	39.80	35 Lbs.

All measurements in inches.



No. 3030 TELEPHONE TABLE

20 in. x 16 in. x 28 in.

Price		Weight
Walnut White Oak	Mahogany on Walnut	
\$15.79	\$17.50	25 Lbs.



No. 2030 TELEPHONE CABINET

20 in. x 16 in. x 28 in.

Price		Weight
Walnut White Oak	Mahogany on Walnut	
\$38.60	\$41.00	50 Lbs.

FINISHES: Walnut, Quartered Oak, Mahogany on Walnut.

General Office Furniture Group

HARDWARE—Wood Pulls are regularly furnished and will be supplied unless otherwise specified. Metal Pulls can be furnished, when so specified, without extra cost.



No. 4030 BOOKCASE

40 in. x 15 in. x 52 in.

Price		Weight
Walnut	Mahogany on Walnut	
White Oak		150 Lbs.
\$83.85	\$89.85	



No. 1630 WASTE BASKET

13 in. x 13 in. x 15 in.

Price		Weight
Walnut	Mahogany on Walnut	
White Oak		15 Lbs.
\$15.10	\$16.30	



No. 1830 COSTUMER

22 in. x 22 in. x 69 in.

Price		Weight
Walnut	Mahogany on Walnut	
White Oak		15 Lbs.
\$16.30	\$17.50	



DESK TRAY

15 in. x 10 in. x 2 1/2 in.

Price		Weight
Walnut	Mahogany on Walnut	
White Oak		5 Lbs.
\$2.45	\$2.75	

FINISHES: Walnut, Quartered Oak, Mahogany on Walnut.

Steel Office Desks

MODERN PEDESTAL TYPE EXECUTIVE DESK

Check These Unusual Features

1. LIFETONE COLOR for minimum light reflection.
2. ADJUSTABLE height—29 inches to 30½ inches.
3. TRIM—rich aluminum for perfect finished appearance.
4. EYE-EASE TOP—linoleum in proper color for easing eye strain.
5. FULL ROLL EDGE on all four sides for modern efficiency and comfort.
6. 32 INCH DEPTH for necessary working space.
7. ISLAND BASE for leg-free clearance.



Number	Top Size	Price	Color
MSF-60	60 x 32 in.	\$128.75	Gray or Green

Prices quoted above delivered nearest railroad station.

*Both style desks available in other types such as Secretarial,
Single Pedestal, etc. Write for information*



The four-legged style desk in the medium priced field is well-designed for better efficiency in your office.

Square-edged top with conventional beaded binding.

Bronze or aluminum hardware.

General lock in center drawer.

Roomy file drawer (suspension type).

Square legs with rolled outer corners.

Bronze or aluminum leg bases.

Linoleum top with fitted bronze or aluminum beaded binding.

Number	Top Size	Price	Color
4SF-60	60 x 34 in.	\$113.25	Grey or Green

Economy Line Office Desks



↑
NO. 361F DESK

Top 60 inches x 34 inches

Price \$67.70

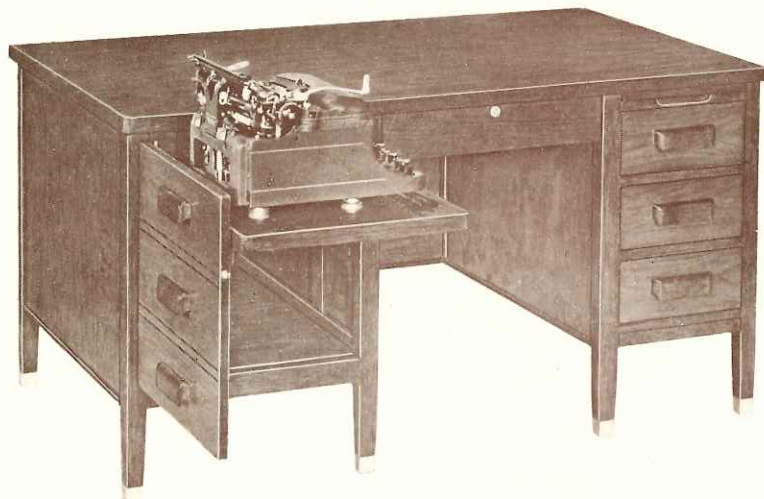
Weight 230 Lbs.

NO. 351F DESK

Top 50 inches x 30 inches

Price \$62.35

Weight 200 Lbs.



NO. 342TW DESK

Top 42 in. x 32 in.

Price \$61.65

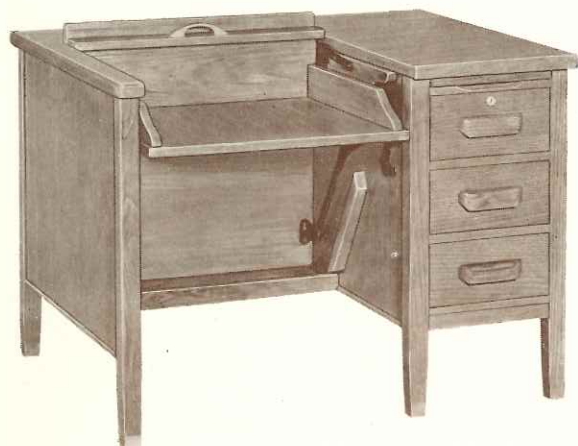
← Weight 150 Lbs.

↑
NO. 360C SEC. DESK

Top 60 in. x 34 in.

Price \$77.75

Weight 250 Lbs.



Also Other Sizes of Matching Desks and
Tables Available

Bookcases—Sectional and Solid End



No. 48

A fine, large bookcase with universal appeal to book lovers. Has three adjustable shelves . . . will hold 100 to 150 books of average size.

48 in. high, 36 in. wide, 10 $\frac{3}{8}$ in. deep

Price: Genuine Walnut, Mahogany on Walnut

\$35.10



SECTIONAL

This style sectional bookcase was designed to meet the demand for a strongly built, inexpensive, serviceable case. It is most practical for schools, public and private libraries, and offices.

Receding type doors are dust-proof, non-binding and noiseless.

Available in the following finishes:

Plain Oak

Quartered Oak

Imitation Walnut

Imitation Mahogany



PATTERN NUMBERS AND DIMENSIONS

Pattern Number	Description	Inside Dimensions			Plain Oak	Guaranteed Oak Im. Mahogany Im. Walnut
		High	Wide	Deep		
741	Top				\$ 4.45	\$ 4.65
709	Book Section.....	8 $\frac{3}{4}$ in.	32 in.	10 in.	9.40	9.80
711	Book Section.....	10 $\frac{3}{4}$ in.	32 in.	10 in.	9.80	10.15
713	Book Section.....	12 $\frac{3}{4}$ in.	32 in.	10 in.	10.15	10.55
747	Base				4.45	4.65

SOLID END STYLES

No. 48-D

A large bookcase with full length glass doors . . . offering protection from dust and damage. Furnished with three adjustable shelves.

48 in. high, 36 in. wide,
10 $\frac{3}{8}$ in. deep.

Also used as trophy case.

Price: Genuine Walnut,
Mahogany on Walnut

\$51.25





No. 75

Note protective bumper strip on seat . . . safeguard against splintering or marring desk or chair—regular equipment.

Seat from floor: $16\frac{3}{4}$ to $19\frac{3}{4}$ inches.
Height of back: $16\frac{1}{2}$ inches.
Seat width: $19\frac{3}{8}$ inches.
Sitting depth: $17\frac{1}{2}$ inches.
Approximate shipping weight: 50 lbs.
Walnut or Mahogany Finish.....\$47.00
Regular Oak 47.00
Genuine Walnut 53.40

No. 76

Matching comfort-fashioned leg chair for office and reception room. Both chairs available with KOOLCUSHION seat, the chair seat that breathes!

Seat from floor: 18 inches.
Height of back: $16\frac{1}{2}$ inches.
Seat width: $19\frac{3}{8}$ inches.
Sitting depth: $17\frac{1}{2}$ inches.
Approximate shipping weight: 38 lbs.
Walnut or Mahogany Finish.....\$37.00
Regular Oak 37.00
Genuine Walnut 43.20



"Bank of England" Chairs

Today's Most Comfortable and
Graceful Expression of the
World's Most Popular Chair

Sikes designers, drawing on 85 years' experience specializing in office seating, have artistically added NEW comfort to the "Bank of England" chair, yet have retained all the grace of the original traditional design. Note the smoothed-out contours, generous seat and back, and rounded corners and edges. Of built-in full-dowel construction with glued and screwed corner-blocks for extra sturdiness, these chairs are just as far ahead in construction as they are in looks and comfort. Other "Bank of England" models also available, all exclusively made of finest selected hardwoods.

An Always Popular Desk Chair . . .

And the Price Is Popular, Too!



No. 2502

Simple, carefully proportioned lines harmonize attractively with any office surrounding.

Seat from floor: 18 inches.
Height of back: 18 inches.
Seat width: $19\frac{3}{8}$ inches.
Sitting depth: 18 inches.
Approximate shipping weight: 35 lbs.
Walnut or Mahogany Finish.....\$32.00
Regular Oak 32.00

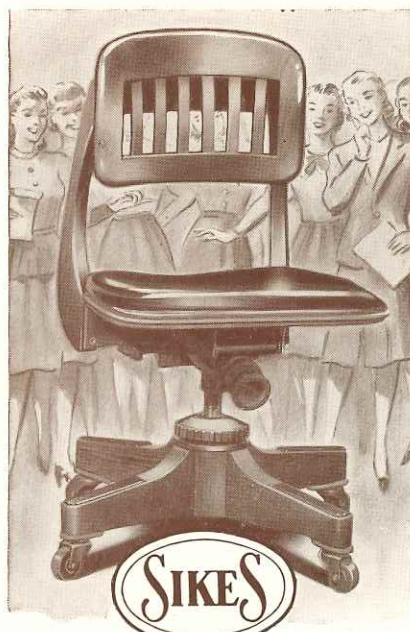
These general utility chairs offer real comfort plus unusual value in terms of sound construction, selected materials and enduring finish. There is modern styling in the flush construction, and extra-comfort new to this type of chair in the specially shaped seat. Yes, in any style or grade of chair, you get more value from Sikes!

No. 2501

. . . Like all Sikes chairs, is made of WOOD—warm to the touch, rich in beauty of grain and finish, of proven durability.

Seat from floor: $16\frac{3}{4}$ to $19\frac{3}{4}$ inches.
Height of back: 18 inches.
Seat width: $19\frac{3}{8}$ inches.
Sitting depth: 18 inches.
Approximate shipping weight: 46 lbs.
Walnut or Mahogany Finish.....\$42.00
Regular Oak 42.00





No. X131 1/2

For "All-Day Working Comfort"

—Sikes "Kradl-Tilt" Clerical Chairs

A rested worker is a more productive worker. Sikes Clerical Posture Chairs add at least one-half hour productive time per worker per day! Many attractive styles are available, all with the famous Sikes comfort features: exclusive "Kradl-Tilt" pivoted back, patented "Fixed-Floating" seat—for gentle but sure support in any sitting position. These chairs combat fatigue, all through the day! Maximum comfort "customized" to tall or short, slight or heavy—is assured by simple hand adjustments.

Seat from floor: 16 1/4 to 19 1/4 in.
Maximum height back: 16 1/4 in.
Seat width: 17 1/4 in.
Sitting depth: 14 in.

Approximate shipping weight: 45 lbs.

Walnut or Mahogany Finish.....\$39.40

Regular Oak 39.40

SIKES CHAIRS FOR SPECIAL USES



No. 75J—Jury Base Chair

Supplied either tilting or swiveling, tilting only, swiveling only, or rigidly fixed. Distinctive Sikes "Bank of England" chair top.

Seat from floor: 16 3/4 in. to 20 in.
Height of back: 16 1/4 in.
Seat width: 19 1/2 in.
Sitting depth: 17 1/2 in.
Approximate shipping weight 60 lbs.

Walnut or Mahogany Finish.....\$53.80

Regular Oak 53.80

For Bookkeepers . . .

Armless Swivel Chair

Wood Seat, Back

Footrail is chrome plated, removing the hazard of splintering. Top is comfort-assuring posture chair with "Kradl-Tilt" back and "Fixed-Floating" seat.

Seat from floor: 30 1/2 in. to 33 1/4 in.

Maximum height back: 15 in.

Seat width: 17 1/2 in.

Sitting depth: 14 in.

Approximate shipping weight: 50 lbs.

Walnut or Mahogany Finish.....\$51.80

Regular Oak 51.80



No. 239

The Judge's Chair

. . . Comfort de luxe, with built-in head rest, upholstered back and arms, seat of luxurious foam rubber, all covered in genuine top grain leather. Pleases "His Honor," Board Chairman or film magnate equally well!

Seat from floor: 18 in. to 20 1/4 in.

Height of back: 30 in.

Seat width: 19 3/4 in.

Sitting depth: 19 in.

Approximate shipping weight: 136 lbs.

Genuine Walnut\$250.60

Economy Line Office Chairs



No. 980
Quartered Oak, Imitation Walnut or Mahogany
Price.....\$27.90

Width of seat
20½ in.

Depth of seat
17½ in.

Height of back
16½ in.

Ball bearing casters
on No. 980 revolving
chair.

Approx. Wts.
No. 980.....48 lbs.
No. 981.....33 lbs.



No. 981
Quartered Oak, Imitation Walnut or Mahogany
Price.....\$21.30

Add \$5.00 to swivel
chair price for Jury
Base.



No. 300
Plain Oak\$18.90
Imitation Walnut or Mahogany..... 19.80

Width of seat
20 in.

Depth of seat
17¼ in.

Height of back
18¼ in.

Approx. Wts.
No. 300.....40 lbs.
No. 301.....26 lbs.



No. 301
Plain Oak\$12.90
Imitation Walnut or Mahogany..... 13.50

Economy Line Office Chairs



No. 1300

Plain Oak, Imitation Walnut or Mahogany.....\$31.20

Birch or Hard Maple,
finished in Walnut or
Mahogany

Width between arms
20 in.

Depth of seat 19 in.

Height of back 19 in.

High grade simulated
leather

Spring construction

Ball bearing casters on
No. 1300 revolving chair

Approx. Weights

No. 1300.....50 lbs.

No. 1301.....36 lbs.



No. 1301

Plain Oak, Imitation Walnut or Mahogany.....\$25.20



No. 44—Stenographer Posture Chair
Quartered Oak, Imitation Walnut or
Mahogany\$20.40
Plain Oak 16.20

Seat 16½ in. x 14 in. deep
Height of back adjustable 14½ in. to
16½ in. Approx. Weight 36 lbs.



No. 45—Stenographer Posture Chair
Imitation Walnut or Mahogany.....\$17.10
Plain Oak 16.20

Seat 16½ in. x 14 in. deep
Height of back adjustable 13½ in. to
16 in.

Approx. Weight 32 lbs.



No. 92

Imitation Walnut or Mahogany.....\$8.55
Plain Oak 8.10

Seat 18 in. x 16½ in. deep
Height of back 18¼ in.
Approx. Weight 22 lbs.

Steel Office Chairs

The trim, tailored lines accent the functional beauty of this executive series of metal office furniture. It is rugged, while unequaled for smartness in design. The finest tilt and swivel mechanism used in executive and secretarial chairs. Stainless steel kick plates protect the base. Noiseless ball-bearing soft rubber casters for reduction of office noise.

The side chair is equipped with non-marring floor glides and reinforcing leg braces.

All chairs upholstered in either plastic, leather or fabric.



EXECUTIVE CHAIR 740

Price \$60.75

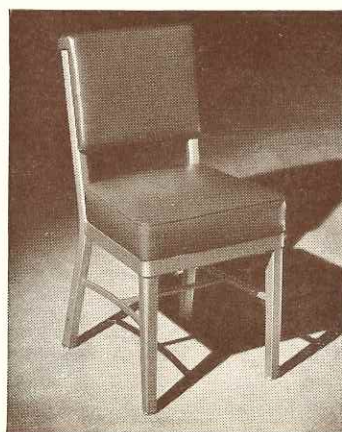
Plastic Upholstered



SECRETARIAL CHAIR 825

Price \$33.75

Plastic Upholstered

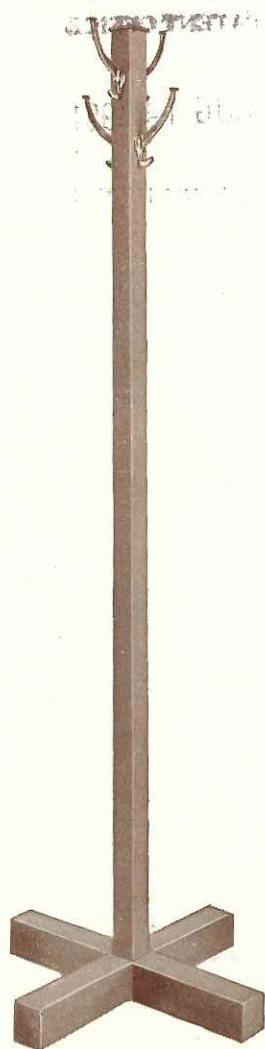


SIDE CHAIR 802

Price \$27.00

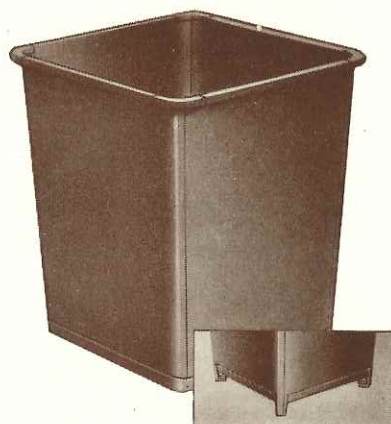
Plastic Upholstered

Office Accessories



**STEEL COSTUMER
G-77**

Gray or Green
Price \$11.45



STEEL WASTE BASKET

Gray or Green

Without Legs\$3.50
With Legs\$4.65



**HI-LO TYPEWRITER
STAND**

Price \$13.50



STEEL DESK TRAY

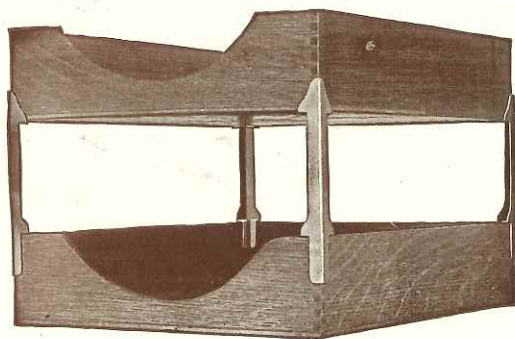
Green or Gray

SDT-1—Letter Size, each.....\$1.85
SDT-2—Legal Size, each.....\$2.10
Supports, set.....\$0.40



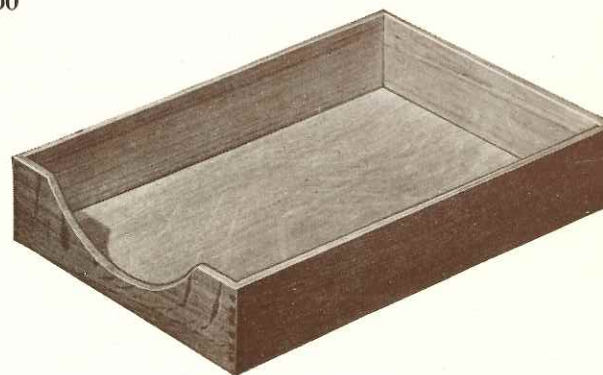
No. 213 FILING STOOL

2 in. Rubber Casters—Wood Seat
12 in. or 14 in.....\$5.20



WOOD DESK TRAY SUPPORTS

Per Set\$0.55



WOOD DESK TRAY No. 17

Letter Size—Oak\$1.75
Mahogany, Walnut or Green\$2.10

Steel Cabinets

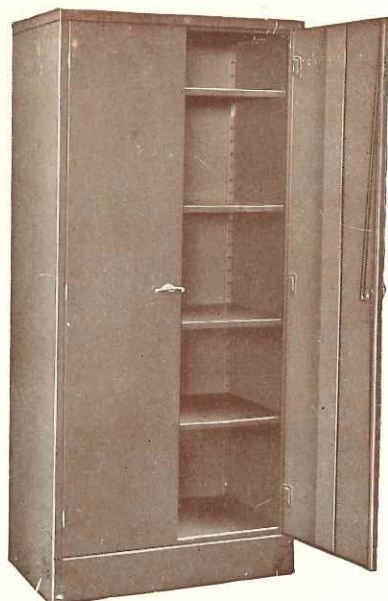
PATENT OFFICE

Double Door

AUG 14 1951

STORAGE CABINET

DESIGN DIVISION



Type 3618-S

Materials that must be kept clean and orderly can be economically stored in this commodious unit. It is made in two sizes: 36 in. wide, 18 in. or 24 in. deep, 78¼ in. high overall, including 6 in. base. The maximum shelf storage area for the 18 in. deep cabinet is twenty square feet with four adjustable shelves; for the 24 in. deep cabinet, twenty-eight square feet.

Construction is of first grade steel of ample thickness to afford sufficient strength without making it excessive in weight. The maximum total weight of materials that can be stored safely in the 24 in. deep cabinet is 1,000 pounds, which is far more than average usage will require. Closely fitting doors that latch tightly and lock securely assure protection against fire, theft and dust. Prices on Olive Green only.

Type 3618-S—36 in. wide, 18 in. deep, 78¼ in. high. Each.....\$44.00

Type 3624-S—36 in. wide, 24 in. deep, 78¼ in. high. Each..... 48.00

Double Door

COMBINATION CABINET

A combination wardrobe and storage unit. Made in two sizes: 36 in. wide, 18 in. or 24 in. deep, 78¼ in. high overall, including 6 in. base. The specifications for the interior arrangement are as follows:

Equipped with a No. 20 gauge (U. S. Std.) partition in the center, 60 in. high from the underside of the full top shelf to the bottom of the cabinet, making a hat compartment at top, coat compartment below on right hand side and five storage compartments below on left hand side. Front of partition reinforced with a 1-7/32 in. Tee shaped nosing and flanged ¾ in. at back; bolted to back of cabinet, the full shelf at top and also to bottom of cabinet. Left hand compartment is equipped with four No. 20 gauge (U. S. Std.) half shelves held in position with No. 16 gauge (U. S. Std.) cadmium finished removable clips. On left hand side clips are placed in No. 16 gauge (U. S. Std.) slotted adjustment channels built into the front and back of the end; on the right hand side clips are placed in slots which are punched in center partition to permit adjustment on multiples of 2 in. centers. Right hand compartment equipped with ¾ in. diameter coat rod and two coat rod hooks. Prices on Olive Green only.

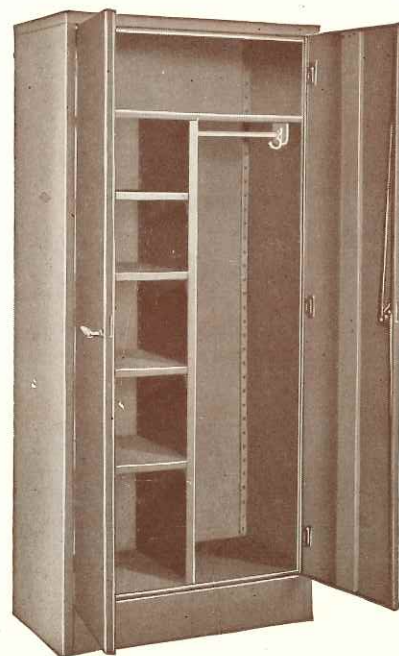
Type 3618-C—36 in. wide, 18 in. deep, 78¼ in. high. Each.....\$46.50

Type 3624-C—36 in. wide, 24 in. deep, 78¼ in. high. Each..... 50.25

This cabinet is also available with single door.

Type 2418-C—24 in. wide, 18 in. deep, 78¼ in. high. Each..... 38.00

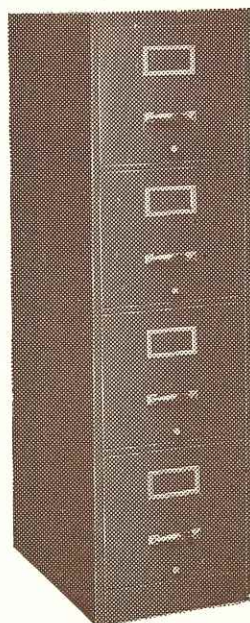
Type 2424-C—24 in. wide, 24 in. deep, 78¼ in. high. Each..... 41.00



Type 3618-C

Other Styles and Colors Available. Write for Information

Steel Filing Cabinets

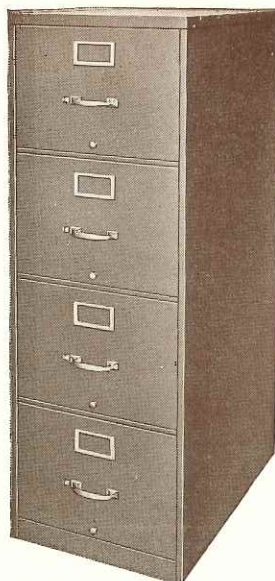


No. 77A01

Letter Size

Price \$64.50

Lock extra \$10.00



No. 77A02

Legal Size

Price \$74.50

Lock extra \$11.25



Six vertical saddle reinforcements spot-welded to sides of cabinets preventing any possible chance of buckling when drawers are loaded to capacity.

Cross members equipped with gussets on each end, which lock the two sides of case together as one unit, eliminating all possibility of tension, under severe strain.

CHECK THESE FEATURES:

SUSPENSIONS

A progressive roller suspension which provides a supporting member which travels with the drawer. Eliminates rebound even when drawer is closed unusually hard.

LOCKING DEVICE

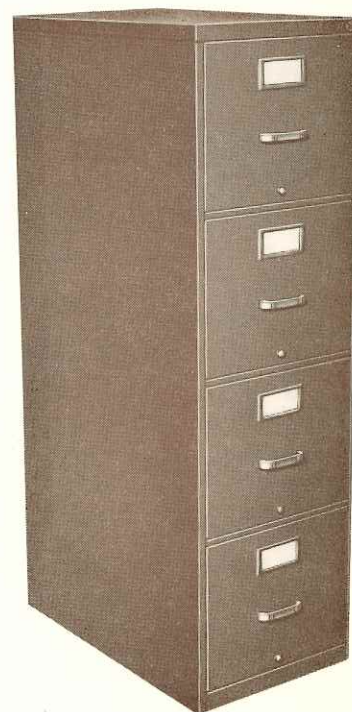
A Security Automatic Locking Device provides your papers with sure, safe storage. Locking device is provided at a slight additional cost when specified.

MATCHED HARDWARE

Solid aluminum drawer pulls and card holders give long life under hard wear and provide this file with a distinctive appearance that is a compliment to any office.

SOLID CONSTRUCTION

Fully reinforced and spot welded throughout, this case will last a lifetime. The case is entirely flush at the bottom and can be shifted about easily and quickly without marring.



No. 8801

Style	Description	Prices	
		No. 70 Gray No. 46 Green	No. 93 Mahogany No. 102 Walnut
8801	4 drawer letter file.....	\$47.50	\$54.75
8801L	4 drawer letter file with lock.....	57.50	64.75
8802	4 drawer legal file.....	57.50	64.75
2202L	4 drawer legal file with lock.....	67.50	74.75

All files available in mahogany or walnut finish at a slightly added cost.

MANILA PRESS BOARD INDEX GUIDES

No. 1227

Letter Size

Set\$1.00
12 or more sets..... .90

MANILA FOLDERS

No. 712

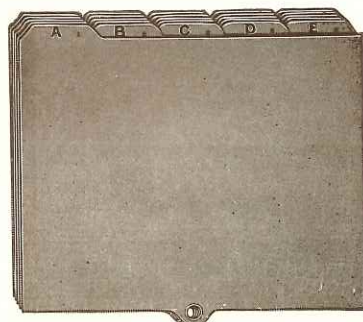
Medium Weight, Letter Size, Square Cut

Per C\$ 2.10
Per M 17.25

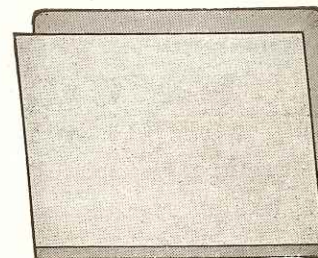
No. 915

Heavy Weight, Legal Size, Square Cut

Per C\$ 3.45
Per M 28.70

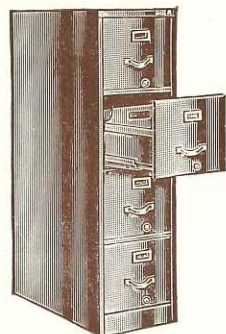


No. 1227



No. 712

LYON Steel Filing Cabinets



LETTER SIZE

4 Drawer File

14 $\frac{3}{8}$ " Wide, 28" Deep, 51 $\frac{3}{4}$ " High

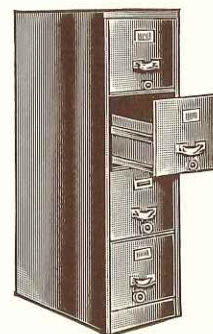
	Price	Wt.
No. 1100—No Lock	\$56.90	172 lbs.
No. 1101—With Lock	60.90	173 lbs.

LEGAL SIZE

No. 1102—No Lock	\$59.40	188 lbs.
No. 1103—With Lock	62.90	189 lbs.

FEATURES

ROUNDED CORNERS
 EASY ROLLING DRAWERS
 AUTOMATIC STOPS
 NO FILING SPACE WASTED
 DRAWERS STAY CLOSED
 DRAWERS EASILY REMOVED
 Finish—Lyon Green Baked-on Enamel



LETTER SIZE

4 Drawer File

14 $\frac{3}{8}$ " Wide, 26 $\frac{1}{2}$ " Deep, 51 $\frac{3}{4}$ " High

	Price	Wt.
No. 1150—No Lock	\$45.30	150 lbs.
No. 1151—With Lock	48.50	151 lbs.

LEGAL SIZE

No. 1152—No Lock	\$47.30	161 lbs.
No. 1153—With Lock	50.50	163 lbs.



LETTER SIZE

3 Letter Drawers and 2 Card Drawers

(For 5 x 3, and 6 x 4 Cards)

14 $\frac{3}{8}$ " Wide, 28" Deep, 51 $\frac{3}{4}$ " High

	Price	Wt.
No. 1104—No Lock	\$65.40	195 lbs.
No. 1105—With Lock	69.00	196 lbs.



LETTER SIZE

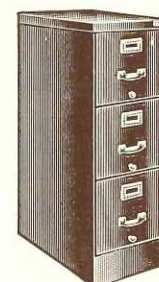
2 Letter Drawers

14 $\frac{3}{8}$ " Wide, 28" Deep, 30 $\frac{1}{2}$ " High

	Price		Wt.
	Suspension	Non Suspension	
No. 1120— No Lock	\$34.10	\$27.85	102 lbs.
No. 1121— With Lock	37.60	31.00	103 lbs.

LEGAL SIZE

No. 1122—No Lock	\$35.70	\$29.30	112 lbs.
No. 1123—With Lock	39.20	32.50	113 lbs.



3 Letter Drawers

14 $\frac{3}{8}$ " Wide, 28" Deep, 42" High

	Price	Wt.
No. 1110—No Lock	\$45.70	138 lbs.
No. 1111—With Lock	49.00	139 lbs.

LEGAL SIZE

No. 1112—No Lock	\$47.90	150 lbs.
No. 1113—With Lock	51.00	151 lbs.

SIMMONS Modern Furniture

Offers You the Advantages of Craftsmanship in Metal

Simmons Metal Furniture is designed for beauty . . . economy . . . long wear.

Simmons pioneered metal furniture and Simmons knows how to work with metal. Both the 142 and 180 groups of furniture are handsome, functional, and sturdy. They

are offered in a selection of several long lasting attractive color schemes, including two-tone and grain finishes.

These beautiful "Simfast" finishes give hospitals wide latitude in planning room color schemes.

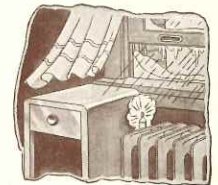


The use of Simmons Steel Furniture eliminates common fire hazards. This fire-resistant feature has increased the preference for Simmons Equipment.

Beautiful Colors

. . . well coordinated . . . to harmonize with any decorative scheme. Your rooms will be cheerful and restful, for years to come, with Simmons "Simfast" finishes.

The following pages show the matched pieces available in Simmons 142 and 180 furniture groups, together with complementary pieces and accessories.

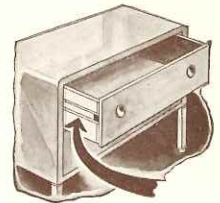


Weather has no detrimental effects on Simmons Steel Furniture. The "Simfast" finish is unaffected by heat or cold. There is no warping or swelling, splitting or peeling.

Quiet, Easy Drawer Operation

Simmons steel furniture is noiseless. Cases are soundproofed with insulation. Drawers have silent, easy action wood guides. Spring-clip stops hold them securely when open. Chairs have silent metal glides. You will find Simmons steel furniture in

leading hospitals and institutions from coast to coast. It is popular because of its beauty, and so many practical features. Years of constant service have proved Simmons equipment to be the leader in quality and economy.

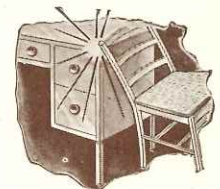


Drawers open and close easily and quietly — thanks to the special Simmons wood drawer guides. Metallic noise is eliminated.

Construction and Finish Durability

Simmons furniture is made of steel and it will give years and years of service. It is electric welded — no joints to come apart;

its construction and beautiful finish are completely unaffected by all types of climate — hot, humid, dry or cold.



Simmons Steel Furniture is able to "take it." Jolts and bangs that would phase ordinary furniture have no effect upon it.

Write for Quantity Prices



Warmth and Beauty for the Years Ahead

Styled in Steel by Simmons

Your guests will enjoy the rich beauty and warmth of Simmons guest room furniture. In addition to guest comfort, you'll be pleased with the long life and low maintenance cost of Simmons furniture—smartly styled pieces with beautiful, lustrous Simfast finishes.

Shown above is a room group from the Simmons "142" line. We will be glad to show you this economical furniture—available in a wide range of color and wood grain finishes. Examine its sturdy, sound-proof construction. Notice how easily and quietly drawers open and close. See the beauty of the Simfast finish—then visualize YOUR rooms—fresh, new looking—refurnished in Simmons lifetime fireproof steel furniture.

Illustrated above: Simmons Hotel Room No. 149, Amber Mahogany color scheme 6941. Pieces shown: B-142 beds; F-142-14 night table; F-142-15 grip stands; F-142-6 desk; F-142-2 dresser with FM-60 mirror; F-736 chair; F-772 arm chair.

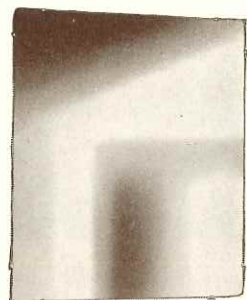
	Prices		
	Finish:	Color:	Grain
B-142 Bed	\$19.25		\$21.00
F-142-14 Night Table	13.25		16.50
F-142-15 Grip Stand	14.25		16.50
F-142-6 Desk	23.25		26.25
F-142-2 Dresser, with FM-60 Mirror	63.00		66.75
F-736 Chair	14.00		16.25
F-772 Armchair	42.00		46.00

Dressers—Desks—Nite Tables**F-180-3 Dresser Base with Mirror FM-62**

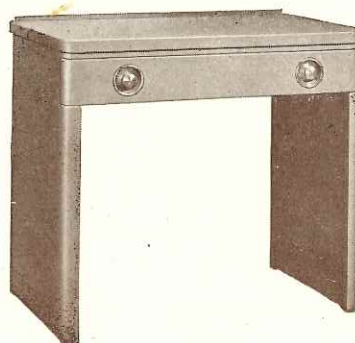
Top	19¼ x 43½ inches
Height	34½ inches
Mirror	30 x 34 inches
Price	Color Grain
	\$92.00 \$97.00

**F-180-2 Dresser Base with Mirror FM-60**

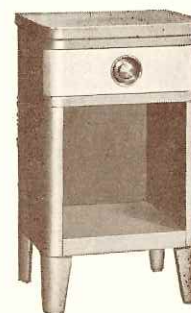
Top	19¼ x 33¾ inches
Height	34½ inches
Mirror	26 x 30 inches
Price	Color Grain
	\$83.00 \$88.00

**Vanity Desk F-180-7
with Mirror FM-60**

Top	21 x 42¼ inches
Height	30 inches
Mirror	30 x 34 inches
Price	Color Grain
	\$84.00 \$90.25

**Desk F-180-6**

Top	19¼ x 33¾ inches
Height	30½ inches
Price	Color Grain
	\$49.25 \$55.00

**Night Table F-180-16**

Top	13½ x 16¾ inches
Height	28½ inches
Price	Color Grain
	\$29.25 \$34.00

"180" Group Styling in Color

All "180" Group pieces are finished in Simmons exclusive satin "Simfast," flexible, synthetic enamel. Will neither chip nor flake, and is highly resistant to water, fruit acids and alcohol. Your choice of finishes—single color, two-tone, or grained.

Write for Quantity Prices

Desks and Van-D-Dresser

(VANITY — DESK — DRESSER)

OFFERED IN TWO-TONE AND GRAIN
FINISHES

SAVES SPACE . . . HANDSOME MODERN
APPEARANCE



Van-D-Dresser F-142-18

Top 21 x 59½ inches Height 30¼ inches

Color Grain

Price \$75.00 \$88.00

SIMMONS new Van-D-Dresser is particularly suitable for occupants of smaller rooms. It saves space by performing triple duty as vanity, desk and dresser. Constructed of fire-resistant, soundproofed durable metal, the Van-D-Dresser matches other pieces of Simmons 142 group of furniture.

The new F-142-18 affords a comfortable writing height. Ample leg room under the vanity-desk side provides greater convenience for the user. Exclusive "Simfast" finishes gives this piece a handsome, long lasting finish.

All of the drawers have silent, easy action wood guides. Spring clip, rubber cushioned stops, prevent them from falling out when opened. Top dresser of the chest section has center partition.

SIMMONS Van-D-Dresser is built by master craftsmen to the highest standards of the metal working art. It is designed in modern pleasing style . . . with an eye for maximum utility.

Student's Single Desk F-142-10 ➡

Has open book shelf at right end. Also available with linoleum top.

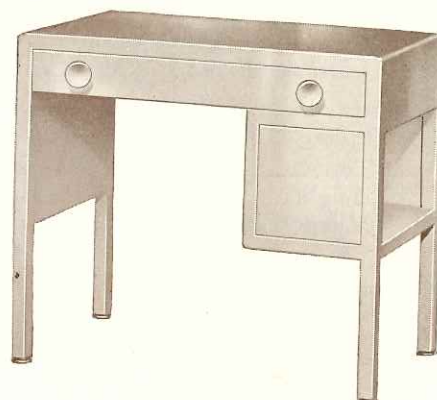
Top 34½ x 21 inches

Height 30¼ inches

Single Desk F-142-11

Same as above, except that book shelf is at left end.

Price Color Grain
\$48.50 \$54.75



← Desk F-142-6

Top 34½ x 19 inches

Height 30¼ inches

Price Color Grain
\$23.25 \$26.25



Write for Quantity Prices

Double Desk F-142-21 ➡

For two students. Has two open book shelves at end. Two drawers on each side. Also available with linoleum top.

Top 42 x 32 inches

Height 30¼ inches

Price Color Grain
\$84.00 \$96.50



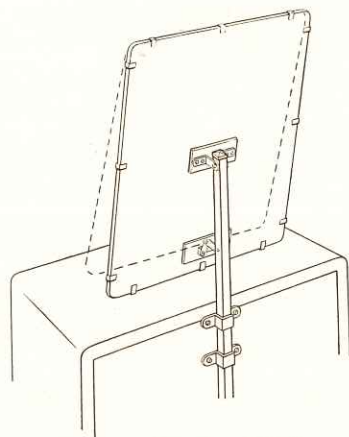
Dressers—Chests—Mirrors—Nite Tables

**Dresser F-142-1 With Mirror FM-42**

A dresser designed for smaller rooms. Can be used in multiples. Top drawer has center partition.

Top $30\frac{1}{2}$ x 19 inches
Height 34 inches
Mirror FM-42 22 x 28 inches

	Color	Grain
Price	\$58.00	\$61.75

**Mirror Standard F-6**

Single, adjustable standard.

Price \$1.75

**Night Table F-142-14**

Top 16 x 16 inches
Height 28 inches

	Color	Grain
Price	\$13.25	\$16.50

**Dresser F-142-2 With Mirror FM-60**

This medium sized dresser gives ample storage space for the average size room. Top drawer has center partition.

Top $38\frac{1}{2}$ x 19 inches
Height 34 inches
Mirror FM-60 26 x 30 inches

	Color	Grain
Price	\$63.00	\$66.75

**Chest F-142-4**

Four drawers with center partitioned top drawer.

Top $30\frac{1}{2}$ x 19 inches
Height 43 inches

	Color	Grain
Price	59.00	\$64.00

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

Straight and Easy Chairs



ARM CHAIR F-772

Has removable innerspring seat and back cushions. Curved wooden arm rests.

Height 32¾ inches
Seat 22¼ x 25¾ inches
Floor Space 26 x 37 inches

Price Color \$42.00 Grain \$46.00



ARM CHAIR F-762

The innerspring seat and back cushions are removable. Back cushion is reversible. Curved arm rests. Metal, rubber-cushioned glides.

Height 34 inches
Seat 20 x 20 inches
Floor Space 23 x 36 inches

Price Color \$40.50 Grain \$44.00

All of the chairs illustrated on this page are constructed with rear legs extending slightly beyond rear of chair backrest. This means that neither chair's back nor the wall can be marred from contact.



CHAIR F-711

Seat and back are cushioned with foam rubber. Rubber-cushioned metal glides.

Height 33 inches
Seat 17½ x 17 inches
Floor Space 18½ x 26 inches

Price Color \$29.00 Grain \$31.50

ARM CHAIR F-710

Same as above, but with arms.

Price Color \$35.25 Grain \$37.75



CHAIR F-732

Quality steel construction combined with low cost. Rear legs extend beyond rear of backrest to prevent marring wall.

Height 34 inches
Seat 18 x 15 inches
Floor Space 18 x 21¾ inches

Price Color \$14.75 Grain \$17.00



CHAIR F-725

Tubular steel construction. Combines light weight with sturdiness. Steel cap glides.

Height 35 inches
Seat Diameter 15 inches
Net Weight 10 pounds

Price Brown \$5.40 White, Ivory, Aluminum \$6.10

Write for Quantity Prices

Hide-A-Bed Sofas

made only by SIMMONS

By Day . . . they make even single rooms appear as beautiful, spacious living rooms . . . with an intimate friendliness to make your guests feel "at home." There are no large bulky beds, more floor space is available . . . and your guests may entertain small groups socially in comfort; hold business meetings; display samples; or set up convention headquarters at minimum expense.



Note the full-length, full-width Beautyrest mattress. Guests sleep out from sofa — not across it.

By Night . . . Hide-A-Beds allow a living room to quickly become a convenient bedroom. Guests sleep restfully on *full-length, full-width* Beautyrest mattresses! Easily accommodates *two* adult sleepers. Only Hide-A-Beds made exclusively by Simmons offer such comfort, efficiency and economy!



MODEL US-656-1

Modern Hide-A-Bed Sofa with attractive treatment of arms and back; self-welt tailoring. Upholstered back has center welt. Reversible inner-spring cushions. Tapered feet. Padded base. Full size bed. Equipped with famous Beautyrest mattress on sleeping section.

Write for Quantity Prices

The Beautiful "180" Furniture

Quality Construction Throughout

- ◆ All steel — durable, fire-resistant, not affected by climatic changes or conditions.
- ◆ Cases are of rigid construction, sound-proofed with insulation.
- ◆ Drawers have silent, easy-action wood guides.
- ◆ Spring clip, rubber-cushioned stops prevent drawers from falling out when opened.

Simmons "180" Group Features

- ◆ Recessed stainless steel pulls.
- ◆ Drawer fronts have curved flowing lines.
- ◆ Double wall drawer front construction.
- ◆ Front legs curved to match streamlined front of cases.

ALL MEASUREMENTS ARE APPROXIMATE



Bed B-180

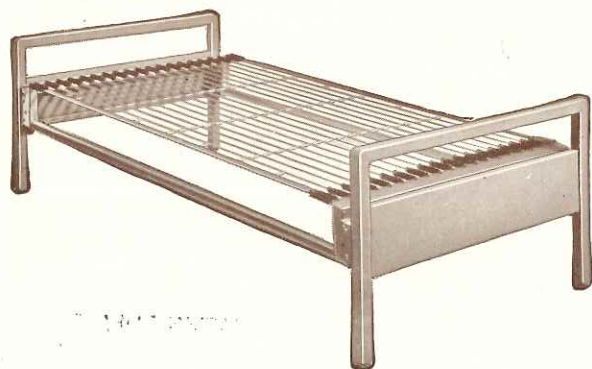
Simple lines, beautiful harmonizing colors hide the sturdy structure of this all-steel bow front bed. Designed to take standard box spring and mattress. When equipped with a Beautyrest mattress and box spring, it is the most luxurious piece of sleep equipment available today!

Size (outside) 3/3	40 x 80 inches
or (outside) 4/6	55 x 80 inches
Height, Head	36½ inches
Foot	22½ inches

	Color	Grain
Price	\$23.00	\$25.50

Write for Quantity Prices

SIMMONS Dormitory Beds



BED H-348 SKC

A semi-panel 3-piece bed; all steel construction. The SKC spring is of ribbon-fabric; 16 inches from floor. Available with 2-inch ball-bearing casters in pressed steel sockets at extra charge. Spring fabric height with casters is 18 inches.

STANDARD EQUIPMENT: SKC spring has 6-inch rise. Equipped with metal, rubber-cushioned glides.

APPROXIMATE DIMENSIONS:

Size (outside)	36 x 78 inches
or (outside)	39 x 78 inches
Height, Head and Foot	22 inches
Spring Fabric from Floor	16 inches
Posts, Square	1½ inches
Cross Rods, Square (inner side of panel)	7/8 inch

	Color	Grain
Price	\$24.25	\$25.50

BED H-349 SCC

Graceline posts with ribbed oval fillers. Galvanized, twisted link fabric spring with helical suspension.

STANDARD EQUIPMENT: SCC or SKC Spring has 6-inch rise. Equipped with metal, rubber-cushioned glides.

APPROXIMATE DIMENSIONS

Size (outside)	36 x 79 inches
Height, Head	37½ inches
Height, Foot	31½ inches
Spring Fabric from Floor	16 inches
Posts, Graceline	1¾ inches
Fillers, Ribbed Oval	½ x 15/16 inches
Cross Rods, Double Ribbed Square	1 inch

	Brown	Color	Grain
Price	\$18.75	\$20.50	\$21.75



GUEST ROOM BED B-142

Graceful, modern style. Full panel construction conceals sturdy posts and cross rods. 2-inch ball-bearing casters.

APPROXIMATE DIMENSIONS:

Full Size (outside)	54 x 78 inches
¾ size (outside)	48 x 78 inches
Twin Size (outside)	39 x 78 inches
Height, Head	34 inches
Foot	26 inches

SPRING EXTRA

Available with NoMar glides when specified. (Recommended for use on carpets only.)

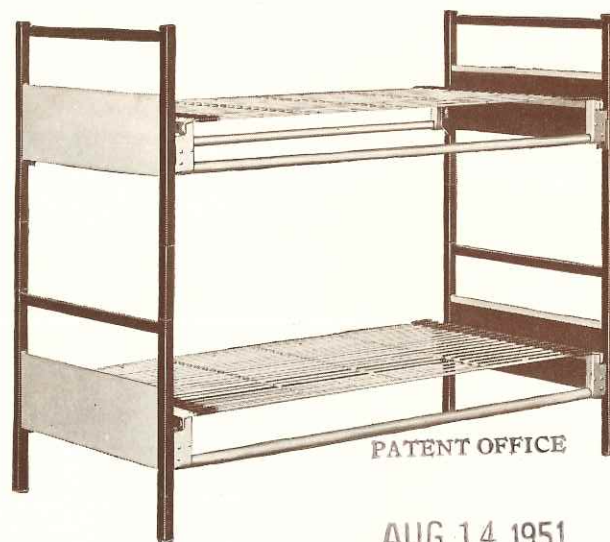
	Color	Grain
Price	\$19.25	\$21.00

Write for Quantity Prices

SIMMONS Double Deck Beds

DB- 930 SKC OR SCC

For the double room where space is limited, an effective solution to the bed problem is SIMMONS demountable Double Deck Bed, DB-930. As the name implies, the bed can be demounted and used as twin beds.



APPROXIMATE DIMENSIONS

	SINGLE BED	DOUBLE DECKED
Size outside.....	36 inches x 79 inches	36 inches x 79 inches
Height overall.....	27 inches	62 $\frac{3}{8}$ inches
Spring fabric from floor.....	15 $\frac{1}{2}$ inches	15 $\frac{1}{2}$ inches
Posts.....	1 $\frac{1}{2}$ inches square	1 $\frac{1}{2}$ inches square
Cross rods.....	1 inch x 1 $\frac{7}{8}$ inches rect.	1 inch x 1 $\frac{7}{8}$ inches rect.
Panels.....	20 gauge	20 gauge
Spring.....	Ribbon fabric SKC type Twisted link SCC type	Ribbon fabric SKC type Twisted link SCC type
Distance between spring fabrics.....	35 inches	

PATENT OFFICE

AUG 14 1951



ROOM NO. 146 (Left)

DESIGN DIVISION

SIMMONS DB-930 used with Double Desk F-142-12 provides the maximum savings of space in this completely furnished dormitory room. Bunk may be demounted to make two single beds.

Furniture Illustrated

		Color	Grain
Double Bunk	DB-930-SKC	\$46.00	\$50.50
Double Desk	F-142-21	84.00	96.50
Chest	F-142-4	59.00	64.00
Mirror	FM-42	9.00	9.00
Chair	F-711	29.00	31.50
Arm Chair	F-762	40.50	44.00

ROOM NO. 144

Students single desks F-142-10 and F-142-11, placed at the foot end of H-348 Beds provide this efficient dormitory arrangement. Note book shelves at end of desk.

Furniture Illustrated

		Color	Grain
Bed	H-348-SKC	\$24.25	\$25.50
Desks	F-142-10 and F-142-11	48.50	54.75
Chest	F-142-4	59.00	64.00
Mirror	FM-42	9.00	9.00
Night Tables	F-142-14	13.25	16.50
Chair	F-711	29.00	31.50
Arm Chair	F-762	40.50	44.00

Write for Quantity Prices



Double Deck Bunks

**DOUBLE DECK BUNK DB-952-SK**

This demountable, double decker permits maximum use of cramped quarters. The bed may be re-assembled into twin beds, as illustrated.

APPROXIMATE DIMENSIONS

Size (outside)	36 x 79 inches
Height (overall)	58 inches
Spring Fabric from Floor	17 inches
Distance between Spring Fabric	34 inches
Posts, Round	1.9 inches
Cross Rods, Round	7/8 inch
Springs, Ribbon Fabric—SK type	

DB-952-SC—Same as DB-952-SK, except equipped with galvanized rustless twisted link fabric springs.

	Brown	Selling Price Color	Grain
DB-952-SK	\$30.75	\$33.25	\$36.00
DB-952-SC	28.25	30.75	34.00

DOUBLE DECK BUNK DB-906

High carbon steel angle frames, securely braced. Galvanized, twisted link fabric springs with helical suspension. **STANDARD EQUIPMENT:** Angle frame spring with link fabric.

APPROXIMATE DIMENSIONS

Size (outside)	36 x 76 inches
Height (overall)	57 inches
Spring Fabric from Floor	12 inches
Distance between Spring Fabrics	38 inches
Corner Posts—Angle Steel	1½ x 1½ x ⅛ inches
Top Bars—Angle Steel	1¼ x 1¼ x ⅛ inches

Standard Finish—Aluminum

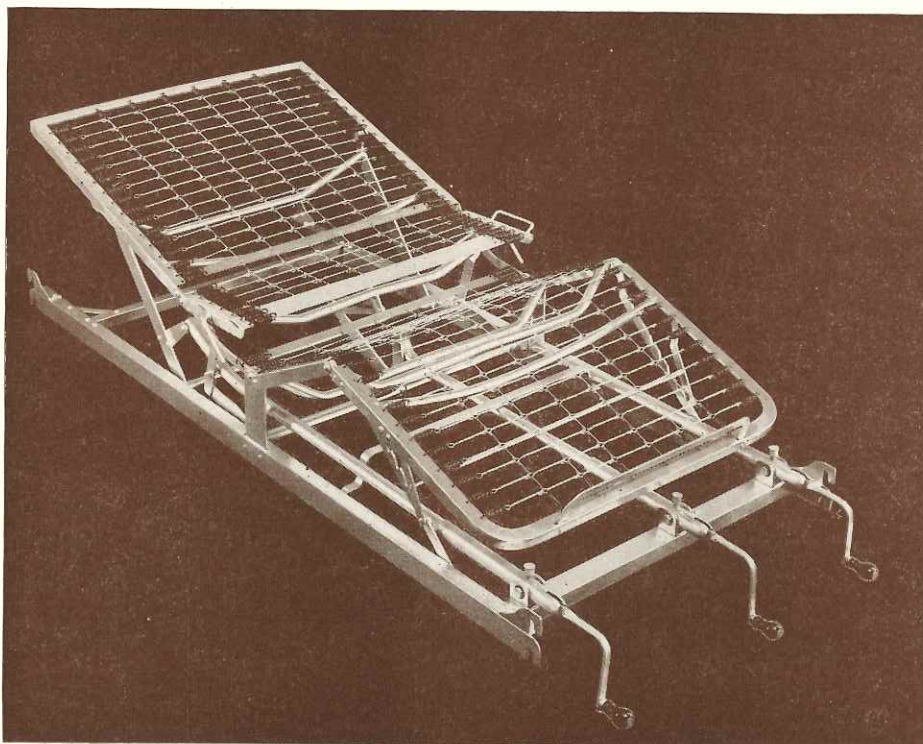
Price.....\$15.50



Write for Quantity Prices

SIMMONS

Deckert Multi-Position Spring



... engineered for maximum use with minimum effort

A culmination of years of intensive work in cooperation with hospital authorities, the Deckert Multi-position Spring is unequaled in usability . . . service . . . simple action . . . durability . . . compact design . . . comfort.

NEW INTERMEDIATE WING-SECTION

The center section formerly used has been replaced by a double duty intermediate wing section. This wing is pivoted and provided with a simple locking device.

When in the "V" position, the wing section can be lifted and locked, thereby partially closing the "V" when not needed and providing normal support in this area.

The wing, when its lock is disengaged and the leg section elevated, forms a "V" which is invaluable in many available positions.

WHAT IT DOES

In addition to the crank-operated head and leg sections, a third crank permits adjustment of the intermediate wing section, thus providing a multitude of new positions not possible with any other spring. Additional adjustments are made manually. Even the heaviest patients are placed into positions gently and easily.

The FOUR movable sections provide among other adjustments:

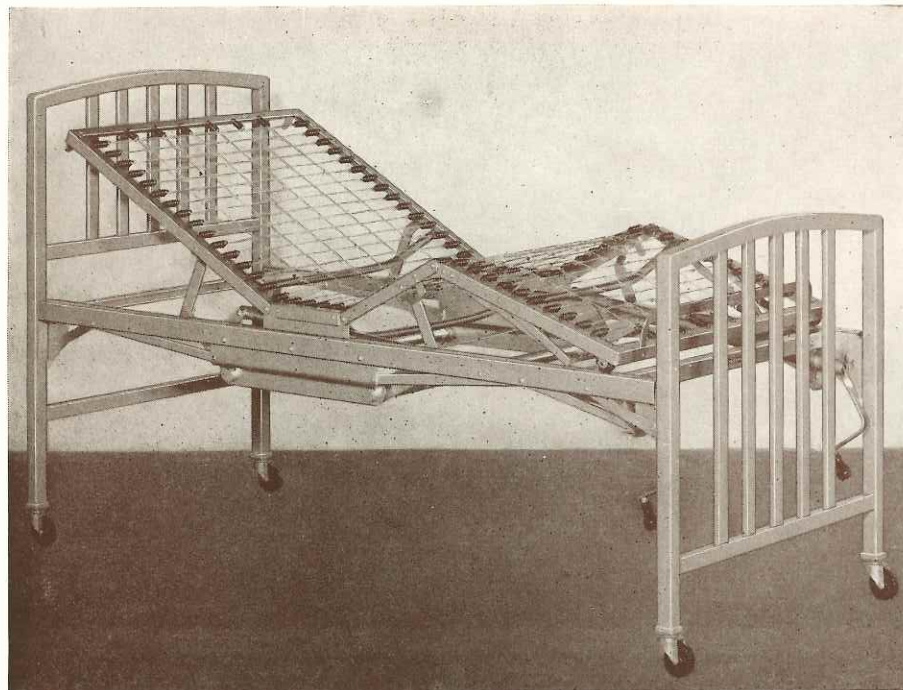
1. Easy adjustment of patient for any medical or surgical treatment.
2. Extremely easy bedpan service.
3. Adjustment for Trendelenburg or Fowler positions eliminating the need for elevating stems or blocks.
4. Positions for cardiac and for eye treatment.
5. Improved orthopedic and fracture positions.
6. Special hyperextension positions.
7. Obstetrical positions and many others.

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

Hospital Beds

Hospital Bed H-815-L-146



Square posts and curved cross bars, with five rectangular fillers. Galvanized, patented link spring, helical suspended.

STANDARD EQUIPMENT

L-146 posture spring. Heavy-duty, 3-inch ball bearing casters. Sturdy spring clip sockets.

APPROXIMATE DIMENSIONS

Overall	36 x 86 inches
Spring Frame	35 x 80 inches
Height: Spring from Floor.....	27 inches
Head End	48 inches
Foot End	38 inches
Posts, Square	1½ inches
(Mattress Extra.....Size 3/0 x 6/8)	

	Color	Grain
Price	\$64.00	\$65.00

Hospital Bed H-803-L-146

Continuous tubular posts with four round filler rods. Galvanized, patented link spring, helical suspended.

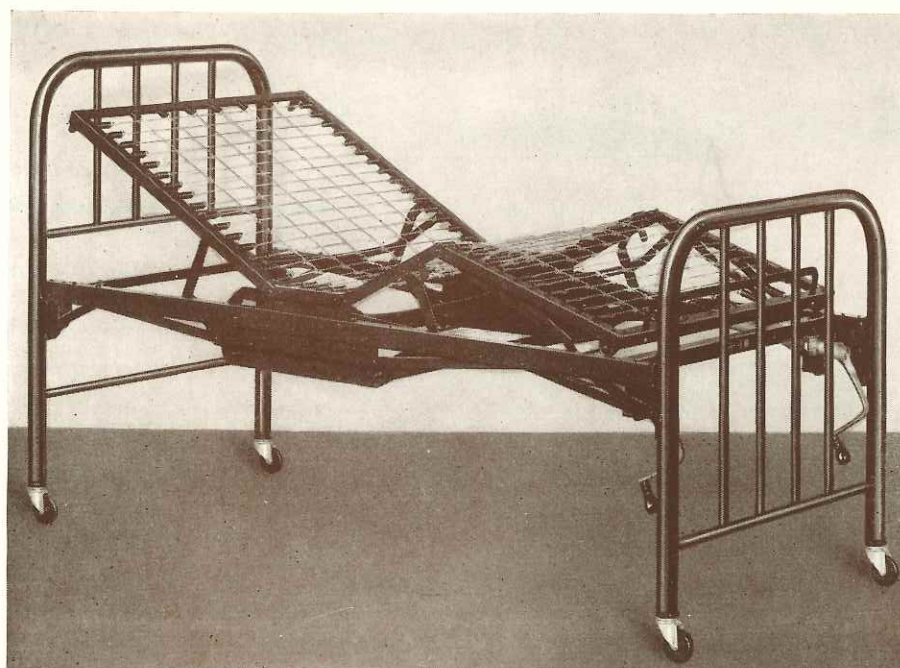
STANDARD EQUIPMENT

L-146 posture spring. Heavy-duty, 3-inch ball bearing casters. Sturdy spring clip sockets.

APPROXIMATE DIMENSIONS

Overall	36 x 86 inches
Spring Frame	35 x 80 inches
Height: Spring from Floor.....	27 inches
Head End	48 inches
Foot End	38 inches
Posts, Round	2 inches
(Mattress Extra.....Size 3/0 x 6/8)	

	PRICES	
Brown	Color	Grain
\$57.00	\$59.00	\$59.00



Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

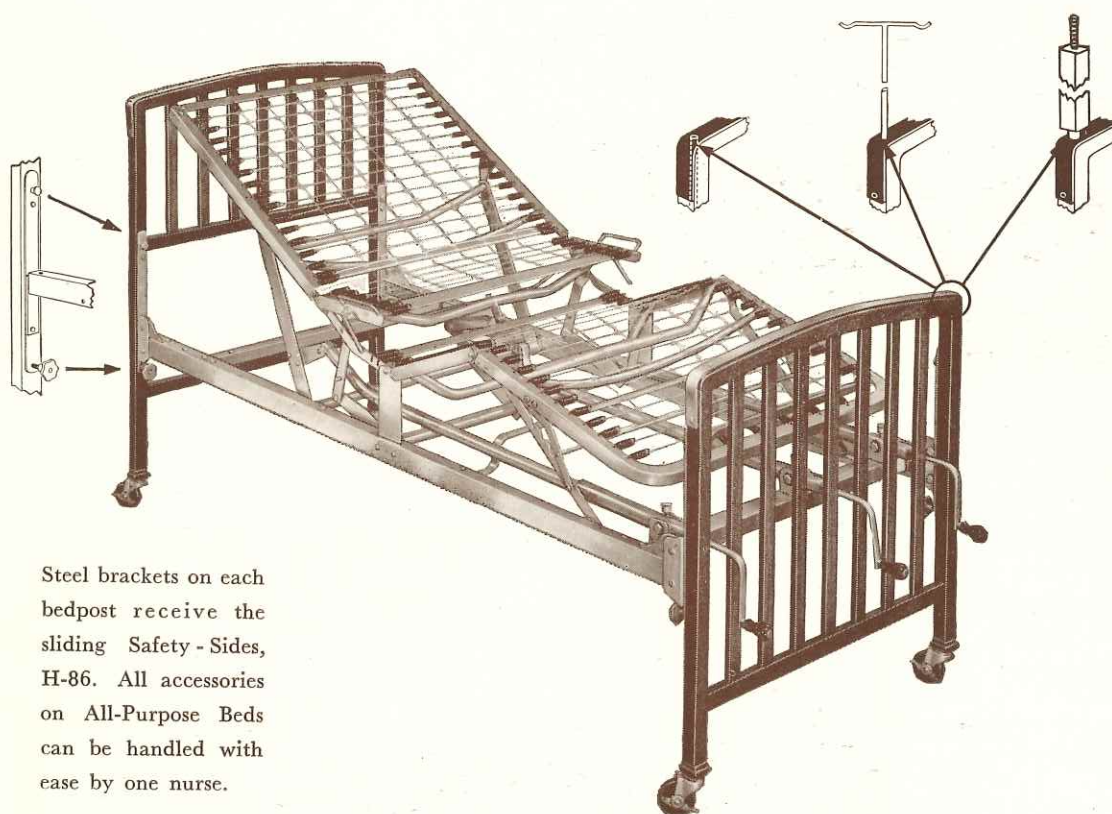
SIMMONS All-Purpose Beds

Simmons developed and perfected the All-Purpose Bed right in the hospital. It was built in response to requests of hospital authorities for standardized equipment which could be used in all hospital rooms and onto which any one or several of the needed accessories could be readily installed.

The All-Purpose Bed is a standard bed style equipped with

the famous Deckert Multi-Position Spring . . . plus all needed brackets and sockets conveniently built into the bed ends to receive Simmons Safety Sides, Balkan Frame, irrigation rod, and orthopedic equipment. This standardized hospital equipment permits accessories to be brought to the patient instead of the patient being brought to a special bed.

HAVE THESE EXCLUSIVE FEATURES



Steel brackets on each bedpost receive the sliding Safety - Sides, H-86. All accessories on All-Purpose Beds can be handled with ease by one nurse.

These cut-away illustrations show stainless steel baffle bar with slide closure, which is built on each bed end. Socket at each corner receives Irrigation Rod H-69 or post of Demountable Balkan Frame H-16.

With its room-to-room adaptability and standard accessories, the All-Purpose Bed is a valuable aid to hospital service. It dovetails into the hospital's plan for standardizing of hospital equipment . . . saves time and labor for doctor, nurse, attendant, housekeeper and engineer. Its use also results in increased operating efficiency and lowered maintenance costs. The recommended accessories are:

Simmons sliding Safety-Sides, End Guard, Portable Irrigation Rod, Demountable Balkan Frame, Fracture Bars.

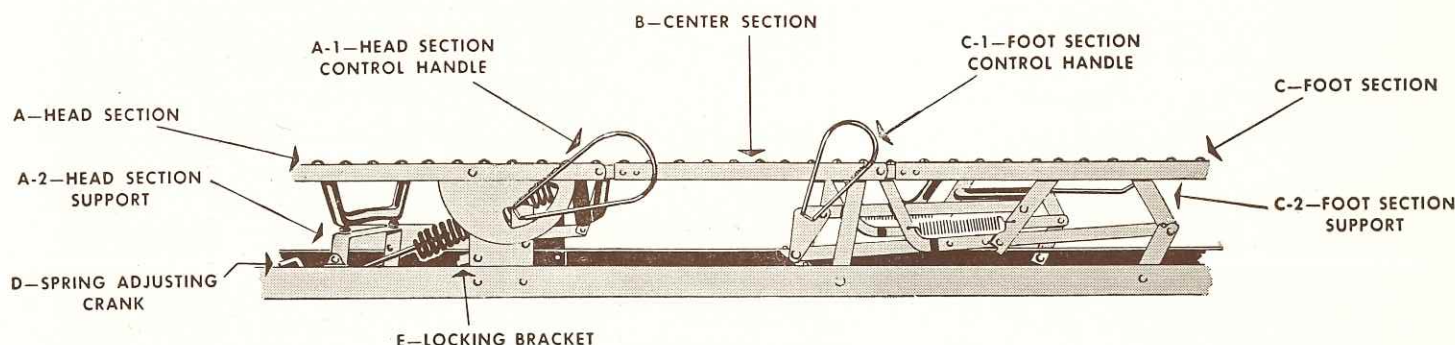
Price.....\$128.75

H-829-L-171—A practical seven filled standard style designed for heavy duty. Bed ends are of seamless tubular steel.

**All-Purpose Beds
Are Made Exclusively by
SIMMONS!**

Write for Quantity Prices

SIMMONS Self-Adjusting Beds



GENERAL INSTRUCTIONS

Disengage Lock Bracket "E" by swinging locking bracket downward toward head end of bed. Lock is provided in case bed occupant is not allowed to change his position without the aid of a nurse or attendant. The lock is engaged by swinging the locking bracket "E" up and toward foot end of bed which prevents release of head section control handle "A-1"—thereby locking bed spring in any of its positions. Bed spring is counter-balanced by strong helical tension spring. For easy operation, adjust tension spring to properly balance occupant's weight by turning spring adjusting crank "D" to the right to increase tension or to the left to decrease tension. Spring patterns L-197 and L-198 are designed so that control handles may be attached to either or both sides of the spring. This is to meet conditions required by amputees or hospital arrangements.

CAUTION: Should the mattress be removed as for cleaning or other reason and the head section control handle "A-1" raised, the head section "A" will spring up, but will be stopped by a safety latch. To release safety latch, raise control handle "A-1" and press down on head section "A".

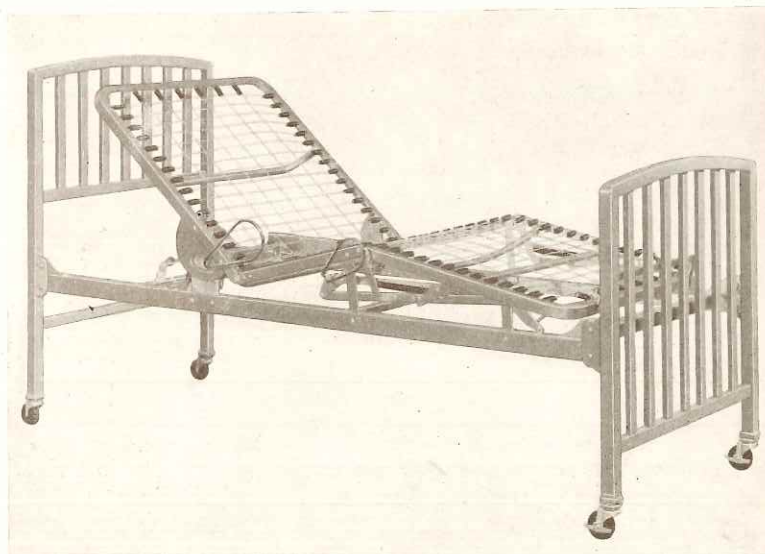
Approximate Dimensions of Self-Adjusting Beds

Overall	35½ x 86 inches
Spring frame	35 x 80 inches
Height:	
Spring from floor.....	27 inches
Head end	48 inches
Foot end	38 inches
(Mattress.....Size 3/0 x 6/8)	

H-800-1-L-190

Square posts, mitered corners, with curved cross bars and 7 rectangular fillers. Three-inch ball-bearing casters—two with brakes. Heavy duty, spring clip sockets. Self-adjusting spring L-195.

	Color	Grain
Price	\$64.00	\$65.00



Write for Quantity Prices

Hospital Bed Accessories

Balkan Frame H-16

Shown in Position on All-Purpose Bed

H-829-L-171

Ideal for use with major orthopedic cases. This sturdy detachable Balkan Frame is designed to fit on Simmons All-Purpose Bed. It can be installed easily and quickly by one nurse.

Price\$56.00

Safety Sides H-86

Shown in Position on the H-829-L-171

All-Purpose Bed

These sliding Safety Sides are 21½ inches high and run the full length of the bed. They are durable and safe, yet light in weight. Have spring catch which locks side in position when raised. When in lowered position, the top of Safety-Side is level with the fabric height; the bottom is five inches above the floor, providing necessary toe space.

END GUARD RAIL H-85—This accessory locks securely into the posts of the H-86 Safety-Sides, providing full protection at the foot end of the bed.

Price (Per Pair)\$45.00

Shaped Fracture Bar H-16E

Illustrated on the H-829-L-171

Direct traction is provided with this accessory. This fracture bar may be used in cases where the Balkan Frame is not required. The Shaped Fracture bar can also be used as an attachment to the H-16 as illustrated at the top of the page.

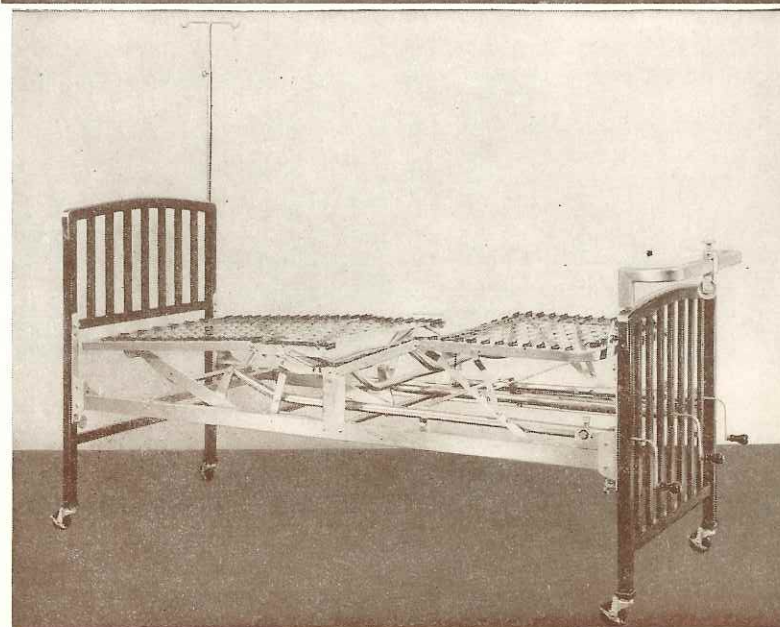
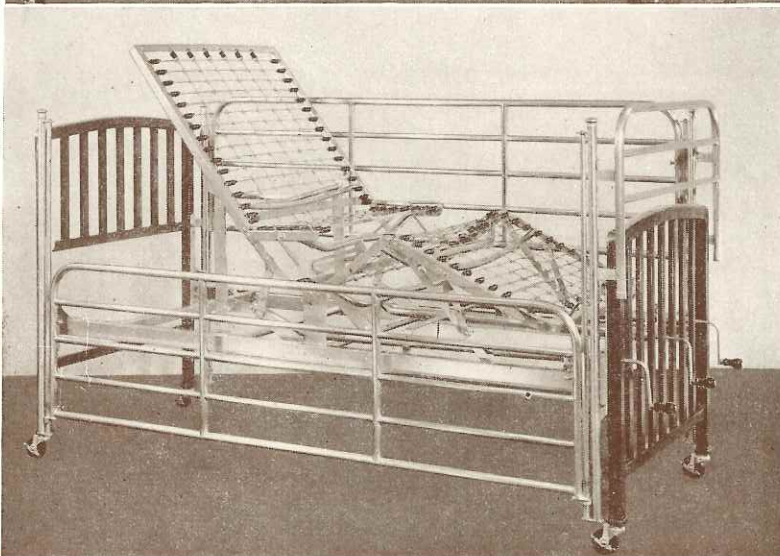
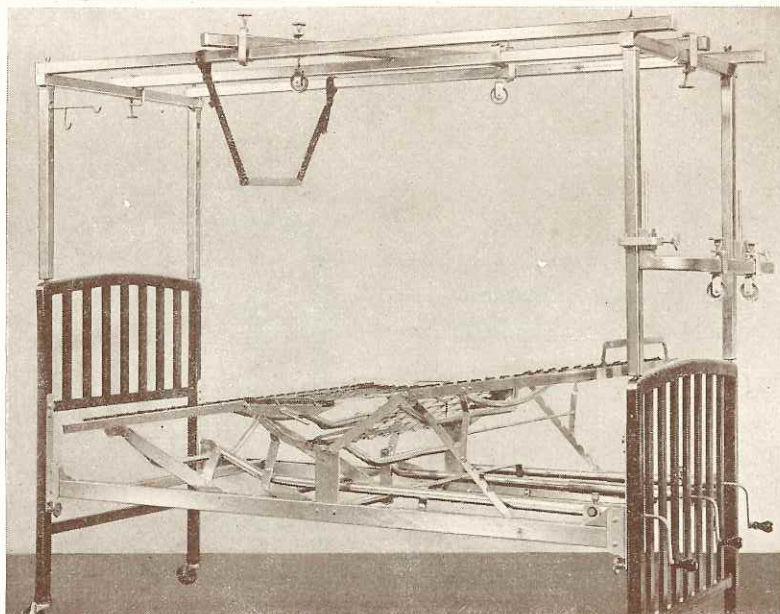
Price\$4.50

IRRIGATION ROD H-69—Illustrated on the H-829-L-171. Telescoping extension type with double hook fits conveniently into sockets located in all four end posts of the All-Purpose Beds.

Price\$3.75

IRRIGATION ROD H-68—This double hook irrigation rod may also be used on any Simmons All-Purpose Bed.

Price\$5.25



Write for Quantity Prices

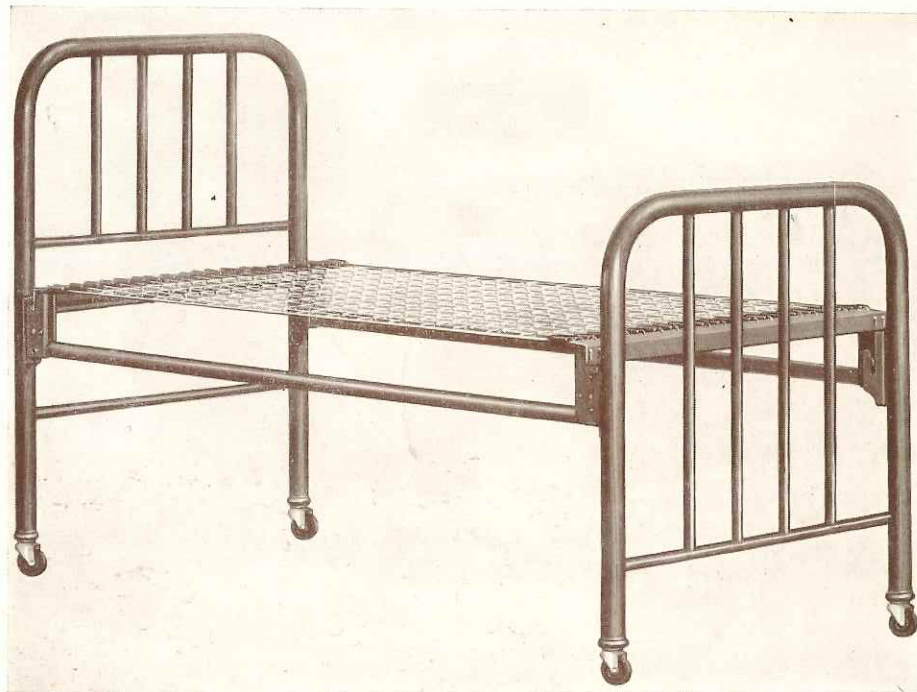
ALL PRICES F.O.B. FACTORY

SIMMONS Flat Spring Hospital Beds

Approximate Dimensions for H-600-SKC and SCC

Overall	36 x 79 inches
Spring Frame	35 x 74 inches
Height:	
Spring from Floor.....	27 inches
Head End	48 inches
Foot End	38 inches
Posts, Round	1.9 inches

(Mattress Extra.....3/0 x 6/3)



Illustrated: H-600-SCC

HOSPITAL BED H-600-SKC

Continuous, seamless steel tubular posts with four filler rods. Spring is constructed of tempered steel bands, helical suspended.

Standard Equipment

SKC band spring with 6-inch rise. Heavy-duty, 3-inch ball-bearing casters. Sturdy spring clip sockets.

	Brown	Color	Grain
Price	\$25.25	\$27.25	\$27.25

HOSPITAL BED H-600-SCC

Continuous tubular steel frame with four round filler rods. Patented twisted link spring.

Standard Equipment

SCC link spring with 6-inch rise. Heavy-duty, 3-inch ball-bearing casters. Sturdy spring clip sockets.

	Brown	Color	Grain
Price	\$24.25	\$26.25	\$26.25

HOSPITAL BED H-600-SCC-H-50

Continuous tubular ends with four filler rods. Adjustable backrest, combined with twisted link, galvanized spring; helical suspended.

	Brown	Color	Grain
Price	\$29.50	\$31.50	\$31.50

Write for Quantity Prices

SIMMONS Hospital Cribs

These Features Explain Their Popularity:

- ◆ Durable, steel construction assures long service.
- ◆ The rust-proof springs are of patented, twisted link construction, helical suspended.
- ◆ Rigidity . . . crib frame and spring have 2-point connections, wing-locked at the 4 corners.
- ◆ All filler rods and cross rods are inserted and welded.
- ◆ Convenience . . . both sides slide downward to *spring height*.
- ◆ Sliding sides are adjustable to *six heights*.
- ◆ Each side has two positive catches with trigger release.
- ◆ The long-wearing finishes are chip-proof, washable, and free of lead.

BABYBEAUTY CRIB MATTRESS, Recommended for Hospital Use

STANDARD EQUIPMENT

Rust-proof, patented, twisted link fabric spring; helical suspended. Heavy-duty, ball bearing 3-inch casters. Sturdy spring clip sockets.

Approximate Dimensions

Height of head and foot— $57\frac{7}{8}$ inches.

Sides, above fabric—26 inches.

Spring, above floor— $29\frac{1}{4}$ inches.

Pillars, square— $1\frac{1}{4}$ inches.

Fillers, round— $\frac{5}{8}$ inch on ends, $\frac{1}{2}$ inch on sides.

(Maximum opening between fillers—3 inches)



These cribs have square, tubular frames.

CRIB HC-201-1

Size overall—26 x 42 inches

Color Grain

Price \$51.50 \$56.25

CRIB HC-201-2

Size overall—30 x 54 inches

Color Grain

Price \$53.50 \$58.25

CRIB HC-201-3

Size overall—36 x 60 inches

Color Grain

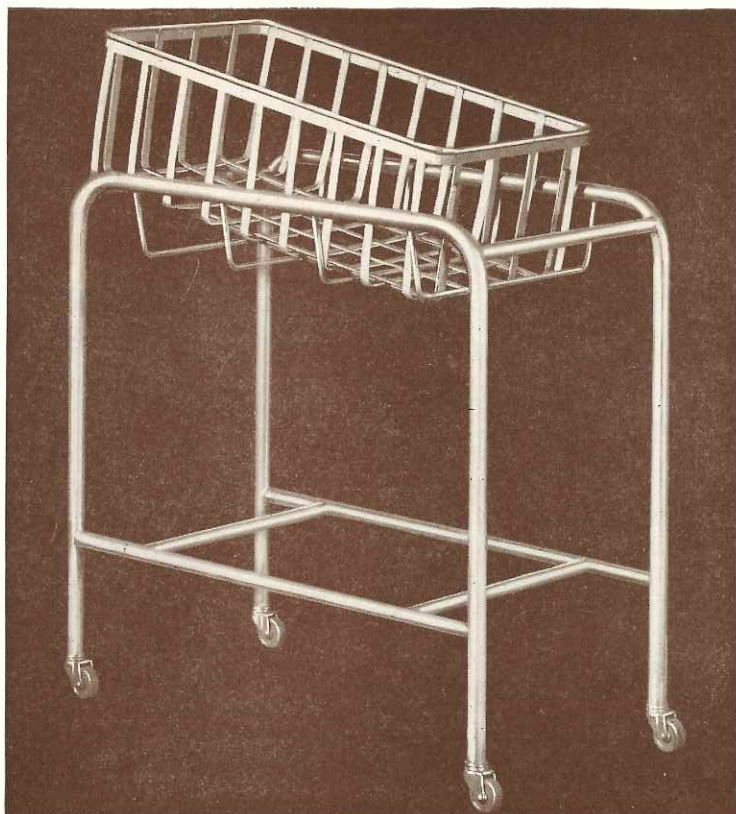
Price \$54.50 \$59.25

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

SIMMONS *Individual Bassinet*

... for modern nurseries



BASSINET STAND HC-285

Shown with Basket

Steel stand, with Aluminum surface finish

APPROXIMATE DIMENSIONS

Size overall $33\frac{1}{2} \times 17\frac{1}{2}$ inches
 Height $32\frac{3}{4}$ inches
 Pillars, round $1\frac{1}{16}$ inches
 Ball bearing 2-inch casters. Pressed steel sockets.
 Price.....\$13.50

Bassinet Basket H-74

Welded strip-steel construction with beaded top strip. Two protective longitudinal rubber runners on bottom.

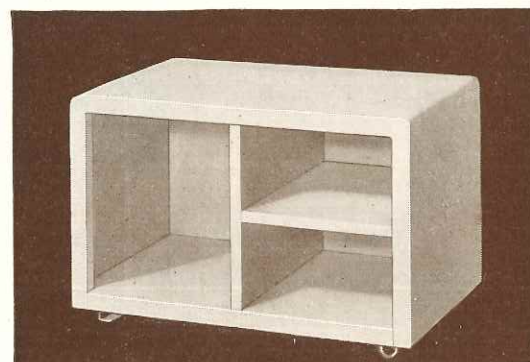
Size overall $28\frac{3}{4} \times 14\frac{3}{4}$ inches
 Height 10 inches
 Price.....\$8.50

F-425 Detachable Bassinet Cabinet

Attaches easily and securely to bassinet stand. Converts any Simmons HC-285 into an isolation bassinet. Has three compartments. Provides individual storage space for infant's linen and accessories. All steel welded construction with rounded corners, easy to clean. Modern attractive appearance. Available in Simfast white, ivory, or aluminum finish.

APPROXIMATE DIMENSIONS

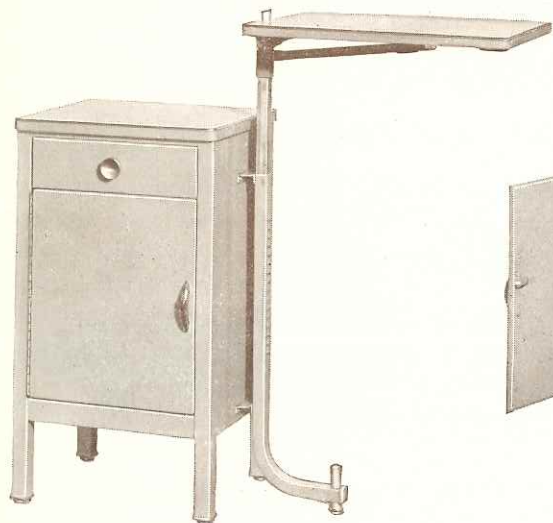
Height $17\frac{1}{2}$ inches
 Length $26\frac{1}{4}$ inches
 Width 17 inches
 Price.....\$18.00



Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

Bedside Cabinet F-440-F with Drop Leaf Attachment F-40-F



**DROP LEAF ATTACHMENT
F-40-F**

Illustrated on Bedside Cabinet F-440-F. A convenient Drop Leaf, with formica top 16 x 24 inches. For use on Bedside Cabinet F-440 only. The "fifth" stationary leg attaches to right side of cabinet.

Price\$26.50

**DROP LEAF ATTACHMENT
F-40-R**

Same as F-40-F, except has rubber top.

Price\$24.00



BEDSIDE CABINET F-440-F

Shown with Drop Leaf,
Attachment F-40-F

Top 16 x 20 inches
Height 35 inches

Price Color Grain
\$36.50 \$40.25

BEDSIDE CABINET F-440-R

Same as F-440-F except has rubber top.

Price Color Grain
\$32.50 \$36.50

BEDSIDE CABINET F-431-F

All-steel construction with round, tubular legs.

Standard Equipment

Formica top. Cabinet has adjustable shelf and socket for basin ring. Rear of cabinet drilled to receive towel rod. Equipped with wood drawer guides and drawer stops. Metal rubber cushioned glides.

Approximate Dimensions

Top 16 x 20 inches
Height 35 inches

Price Color Grain
\$32.50 \$36.25

BEDSIDE CABINET F-431-R

Same as F-431-F except has rubber top. Order Drop Leaf Attachment F-39 for use on bedside cabinet F-431.

Price Color Grain
\$29.50 \$33.00

ACCESSORIES FOR BEDSIDE CABINETS

WASH BASIN RING F-10.....Price \$1.75
Cadmium plated finish. Inside diameter of ring—10-15/16 inches.

TOWEL ROD F-63.....Price \$1.00
For rear of cabinet. Cadmium plated finish.

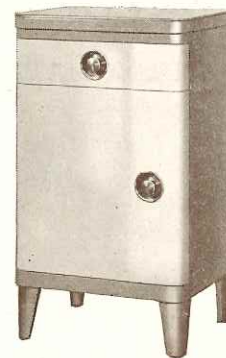
Write for Quantity Prices

ALL PRICES F.O.B. FACTORY



**BEDSIDE CABINET
F-440-F**

All-steel construction with square, tubular legs. Long-wearing formica top. Cabinet has adjustable shelf and socket for basin ring. Door with double wall construction is equipped with improved type hinges and spring catch lock. Rear of cabinet drilled to receive towel rod. Equipped with wood drawer guides and drawer stops. Metal rubber-cushioned glides.



**BEDSIDE CABINET
F-480-F**

Concealed hinges on its left side permit the double cabinet front to have the curved design which all "180" pieces have. Formica top.
Top 16 x 20 inches
Height 35 inches
Order Drop Leaf Attachment F-38 for use on this bedside cabinet.

Price Color Grain
\$54.75 \$62.25

SIMMONS Single Pedestal Overbed Table

Offers Unmatched Versatility



APPROXIMATE DIMENSIONS

Top overall	14½ x 31½ inches
Adjustable Height, Minimum	29¾ inches
Maximum	44¾ inches

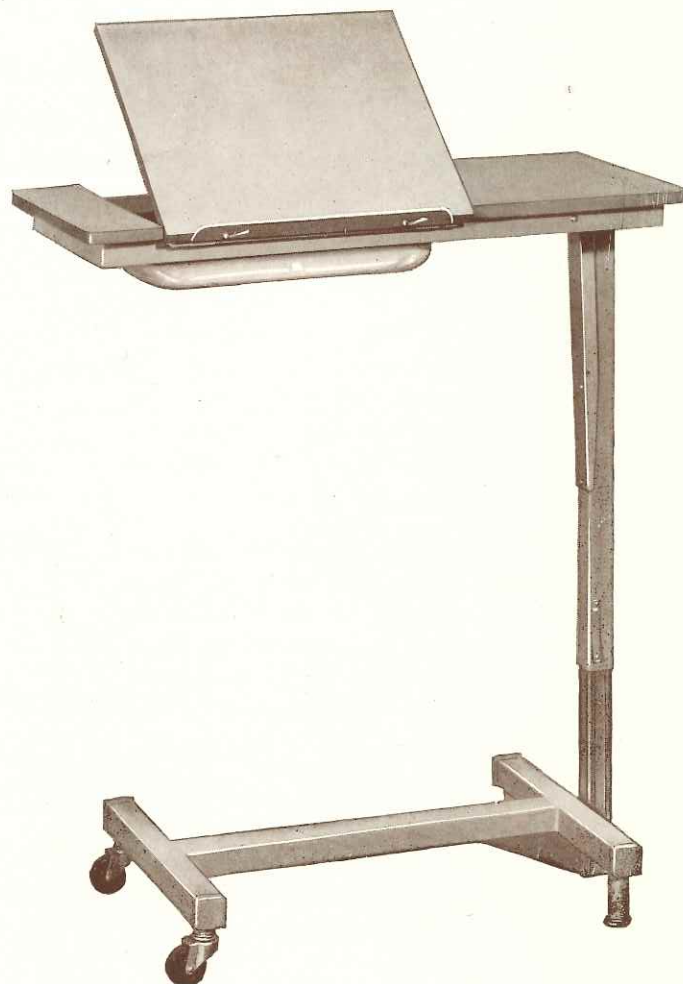
Double acting center section—table can be used at either the right or left side of patient's bed. Nine-inch vanity mirror. Vollrath porcelain tray is easily removed for cleaning.

Superior Features:

15 points of adjustment at one inch centers for elevating and lowering top. Mechanism for elevating and lowering top is counterbalanced eliminating use of cranks.

Formica Top

5/8 inch, 5-ply laminated top Formica sheets top and bottom, lumber core; tan and grey linen pattern matching Formica on bedside cabinets.



Casters and Glides

Metal glides at post end of table, two-inch ball bearing casters at front. Combination glide and caster construction prevents table from moving unless tilted.

Simfast Finishes

The F-882-F Overbed Table is available in all of the standard Simfast color finishes. When ordered in grain finishes, tables will be furnished in a harmonizing color to match the grain finish selected. Post, standard, and base are not furnished in actual grained finishes.

No. F-882-F

Price.....\$46.00

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

SIMMONS New Improved 2-Crank Spring L-146

Simmons again scores another notable first — a completely redesigned, far more useful two-crank bed spring. In addition to offering all of the positions obtainable on ordinary two-crank springs, this new model permits lowering of either head or foot end below the horizontal level. This means that now Trendelenburg, Hyperextension, and Fowler positions can be obtained.

The spring fabric length has been increased to 80 inches, same as the famous Deckert and Self-Adjusting springs.

In the design and construction of the Simmons new, improved two-crank spring the greatest attention has been given to the quality details that mean ease of maintenance, years of service in hospital use.

Both posture spring and frame are made of heavy gauge, high carbon steel with aluminum finish. Note how corners are rounded for easier cleaning — less danger of barked knuckles. Link fabric is galvanized after assembly, attaches to posture spring frame by black japanned, heat treated helicals — assures that all fabric surfaces are rustproof.

Foot and head wing cranks are of heavy, high carbon bar steel operate through ball thrust bearing to elevating screws. Automatic limit stops prevent excessive strain on spring by preventing cranking of bed too far. Grease cups are mounted on the side of dustproof bearings where they are easy to service — hard for staff to overlook. Spring attaches to bed ends with double corner hooks — provides a tight fit with no wobble — keeps bed end always at right angles to spring frame.

Interchangeable corner connections have been adopted which now permit a hospital to use either Deckert, Self-Adjusting or L-146 springs on the same ends.

Another remarkable advantage is that now All-Purpose Bed ends may be put to work with this new Simmons hospital servant. The L-146 offers truly great value and improvement over previous models and at no increase in price to you.

BED ENDS AVAILABLE

The Simmons new, improved two-crank spring is available on the following, wide variety of Simmons bed ends:

- H-800 Seven filler style
- H-803 Tubular post, four filler style
- H-815 Square post, five filler style
- H-829 Seven filler All-Purpose style
- H-835 Five filler Graceline style
- H-846 Semi-panel style
- H-848 Semi-panel All-Purpose style
- H-880 Vari-Hite, seven filler style
- H-882 Vari-Hite, seven filler, All-Purpose style
- H-885 Vari-Hite, full panel style
- H-887 Vari-Hite, full panel, All-Purpose style

PATENT OFFICE

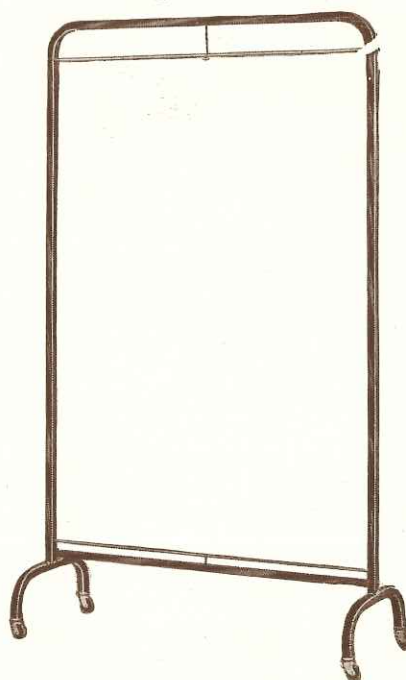
AUG 14 1951

DESIGN DIVISION

Approximate Dimensions—Spring L-146

Spring frame	35 x 80 inches
Mattress	Size 3/0 x 6/8

Single Panel Screen F-585



STANDARD EQUIPMENT

- ◆ Removable
Curtain Rods
- ◆ Ball-Bearing
2-In. Casters
- ◆ Pressed Steel
Sockets
- ◆ Continuous,
Seamless Steel
Tubing, 1-In.
Square

Approximate Dimensions

Height	69½ inches
Width	42 inches
Length of rods	40 inches
Distance between top and bottom rods.....	55 inches

SIMMONS *Safety Sides, Irrigation Rods*

IRRIGATION ROD H-68



Telescoping extension type, with two hooks. Overall telescoped length is 33½ inches; extended 57½ inches. Equipped with adjustable clamp for anchoring to angle frames of hospital beds of the following sizes.

Height	Width
1¾ inches	x 1¾ inches
2 inches	x 1¾ inches
2 inches	x 1½ inches
2¼ inches	x 1½ inches

Price.....\$5.25

STOWAGE BRACKET H-72

(Not Illustrated)

Provides a convenient storage place for either the H-68 or H-69 Irrigation Rod. Bracket attaches to angle frame of L-171 or L-195 spring inside foot end of bed.

Price.....\$0.50

K-846 UTILITY BED

SIMMONS utility bed features strong, rigid angle iron construction. Three inch rubber casters allow bed to be moved easily and quietly. This utility bed is designed to take a standard 3/0 or 3/3 mattress. Angle iron frame is 1¼ x 1¼ x ½ inches.



Price (Bed only).....\$12.50

SAFETY SIDES H-99

Strong enough to restrain restless patient. No bolts to adjust . . . no tools required. Attached to bed-end posts by self-adjusting, spring actuated hooks, rubber protected.

Height of Safety Side.....19 inches

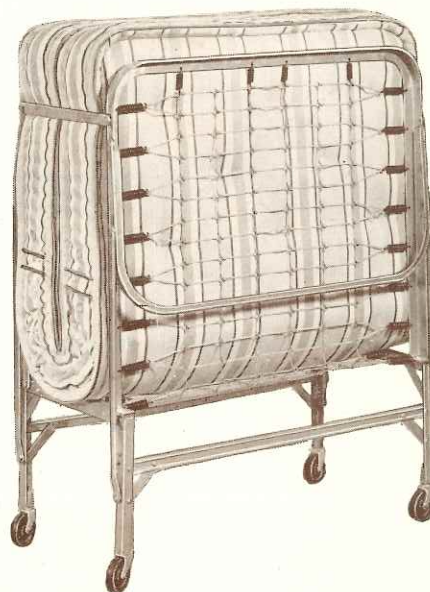
Length of Safety Sides.....69 inches

Maximum diameter of end posts on which Safety Side can be used 2¼ inches

Maximum overall length of bed on which it can be used 87 inches

Minimum overall length of bed on which it can be used 81½ inches

Price Per Pair.....\$18.00



APPROXIMATE DIMENSIONS

Height spring from floor.....	16 inches
3/0 size	36 x 76 inches
3/0 dimensions when folded.....	37 x 18 x 45½ inches
3/3 size	39 x 76 inches
3/3 dimensions when folded.....	40 x 18 x 45½ inches

(Mattress extra as selected)

Write for Quantity Prices

For Firm, Uniform Support, Specify . . .

Beautyrest

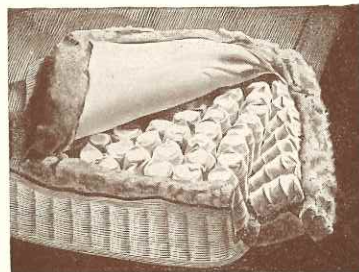
For Hospitals

Doctors agree that *firm, uniform support* is necessary for patients. Beautyrest, *made expressly for hospitals*, gives this firm support — it also gives the patient extra comfort — and relaxation — so important during convalescence.



*Ideal for Use With
Multi-Position Posture Springs*

Mattress No. 2026



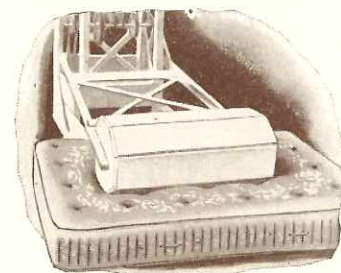
**SUPPORT—
RIGHT UP TO THE EDGE!**

The outer row of Beautyrest coils is fastened to the prebuilt border by an exclusive process . . . the edges are firm—will not sag. Assures safe, "mid-mattress support right up to the edge."



**INDIVIDUAL
COIL ACTION!**

The Beautyrest mattress has hundreds of pocketed coils, each one acting separately. This is the secret of its firm, uniform support—gentle support that never impedes circulation.



**TORTURE TESTS PROVE
BEAUTYREST IS BEST**

In the United States Testing Company laboratories (Hoboken, New Jersey), many mattresses were given torture and endurance tests. The result—Beautyrest proved far superior, lasted far longer.

Among the tests given were those for:

- A. Tensile strength of fabrics.
- B. Heat and pressure resistance of coil pocketing material.
- C. Endurance of mattresses under humid, dry, hot or cold climatic conditions.
- D. Endurance of coils from various mattresses subjected to alternate squeezing and stretching.

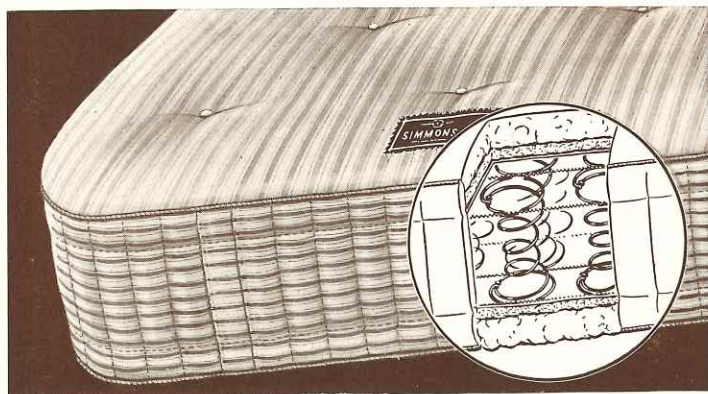
BEAUTYREST SUPERIORITY

- ◆ Separately pocketed coils . . . each coil works independently.
- ◆ Deep layers of comfortable felted upholstery.
- ◆ Patented Sag-Proof edge, with outer coil row attached.
- ◆ Prebuilt border with durable inner roll.
- ◆ Long-wearing standard 8 oz. woven stripe cover.
- ◆ Durable sheeting over and under the coils.
- ◆ Ventilators that actually "breathe."
- ◆ Two sturdy cloth handles on each side.
- ◆ Sanitary French edge. Flat bottom tufts.

Only SIMMONS makes BEAUTYREST

Write for Quantity Prices

SIMMONS MB-197 Hospital Mattress



The MB-197 is designed especially for hospital use. The many important features of this innerspring mattress surpass the specifications laid down by exacting hospital authorities. Has improved 192 coil innerspring construction, with alternating offset and round knotted coils, helical tied. Durable, 8 oz. woven over fabric. Pre-built border construction—attached top and bottom to the outside row of coils, eliminating mattress sag. Sturdy, convenient handles. **This mattress may be used with Multi-position Posture Springs.**

MB-197 Features

1. Sanitary French taped edge—easy to clean.
2. Durable 8 oz. woven cover fabric—standard hospital and government specifications.
3. Flat button tufts with tape ties.
4. 8 Ventilators—they really breathe.
5. Three-Star CRUSHPROOF Border with durable inner-roll edge. This pre-built border has outer row of coils attached to border.
6. Upholstered with deep layers of felted cotton linters.
7. Sturdy handles. Two handles are located at each side of the mattress for convenience.
8. Sheeting on top and bottom—covers innerspring unit. Sisal insulating pad between sheeting and upholstery.
9. 192 coil innerspring unit in 3/0 size—silent, improved type, helical-tied.

FELT MATTRESS ML-2778 (Not Illustrated)

Upholstered with linters and white picker. Edge is machine rolled. Twine tufting. 5½ inch box. Approximate weight, 40 lbs. in 3 foot size.

FELT MATTRESS ML-2777

4 inch box. Approximate weight 30 lbs. in 3 foot size. (Not illustrated).

BEAUTYREST Assures Luxury Comfort in Nurses, Resident's Quarters

BEAUTYREST—The World's most comfortable mattress. 837 individually pocketed coil springs . . . patented sag-proof, pre-built border . . . 8 screened air vents let mattress breathe . . . finest felt upholstery . . . 4 cord handles . . . specially woven gray and white pin stripe 8 oz. ticking!

Beautyrest Box Spring

72 Coil Springs . . . hand tied 8 ways to add firmness to spring action and to eliminate noise.
Soft Felt Upholstering . . . protective heavy cloth covering over coil construction provides comfort and durability.

Added Frame Reinforcing—Exclusively Simmons! . . . For greater rigidity of Beautyrest Box Springs, Simmons installs three iron cross braces.

Ticking . . . 8 oz. gray and white pin stripe No. 1149 to match Beautyrest Mattress.

Packed in protective carton.

Price..... \$41.00 Ea.

**GUARANTEED FOR 10 YEARS
AGAINST STRUCTURAL DEFECTS!**



Mattress No. MS-2034
Box Spring No. X-2034

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

SIMMONS Presents Beautyrest Made expressly for Hotels

The Finest Mattress Made

... and the most economical!

GUARANTEED FOR 10 YEARS AGAINST STRUCTURAL DEFECTS!

Comfort . . . quality construction . . . public approval . . . low maintenance cost . . . Beautyrest has everything! More than 4,000,000 Beautyrests are now in use! Many hotels, tourist courts, schools and other institutions buy Beautyrests exclusively!! These features tell why!

Only SIMMONS makes BEAUTYREST

837 individually pocketed coil springs give sleeper firm, full support, yet cushion each movement gently through independent spring action.

Sheeting-covered construction . . . protects upholstery and spring construction; adds strength against internal pressure.

Patented sag-proof edge and pre-built border, an exclusive Simmons feature, gives mid-mattress sleeping comfort at edges.

4 Cord Handles . . . make it easier to turn mattress.

8 Air Vents . . . provide continuous passage of air inside mattress. Beautyrest really breathes! Keeps mattress fresh and clean.

Fine Felt Upholstering . . . provides maximum protection from springs; aids body comfort.

Better Ticking . . . new 8 oz. woven gray and white pin stripe—No. 1149, especially woven for this mattress. Does not show through sheeting.

Packed in protective carton.

Mattress Order No. MS-2034

Price_____ \$41.00



Beautyrest Box Spring

Made expressly for Hotels

Match the luxurious comfort of your Beautyrest Mattress with a Beautyrest Box Spring. This box spring is the companion piece especially designed and recommended for use with the Beautyrest mattress. Tickings match.

72 Coil Springs . . . hand tied 8 ways to add firmness to spring action and to eliminate noise.

Soft Felt Upholstering, protective heavy cloth covering over coil construction provides comfort and durability.

Added Frame Reinforcing—Exclusively Simmons! . . . For greater rigidity of Beautyrest Box Springs, Simmons installs three iron cross braces.

Ticking . . . 8 oz. gray and white pin stripe No. 1149 to match Beautyrest Mattress.

Packed in protective carton.

* * * Three-Star Crushproof Border!

Exclusive, patented Simmons process! Outer row of coils in a Beautyrest Mattress is fastened to a pre-built border. Edges never sag or break down. Assures mid-mattress comfort right up to the edge!

Box Spring Order No. X-2034

Price_____ \$41.00

Write for Quantity Prices

SIMMONS Hotel-Bilt Mattress

Simmons has combined comfort and economy in this mattress to give you ample opportunity to meet your requirements whatever your budget! In its price group, the Hotel-Bilt mattress is the best buy for the money you'll find anywhere.

HOTEL-BILT BOX SPRING

The ideal companion for your Hotel-Bilt mattress! Sturdy construction and 8 oz. ticking give this box spring a long useful life.

64 Coil Springs . . . hand tied 6 ways to add firmness to spring action and to eliminate noise.

Soft Felt Upholstering . . . protective heavy cloth covering over coil construction provides comfort and durability.

Reinforced Frame . . . Hotel-Bilt Box Springs are made with a strong wood frame reinforced with six connecting slats.

Ticking . . . 8 oz. blue and white woven stripe No. 1101 or brown and white No. 1148—to match Hotel-Bilt Mattress.

Packed in protective carton.

299 Coil Springs . . . made of heavy gauge wire for added firmness and longer service!

43 Pounds of Felt Upholstery . . . cloth covered construction provides protective insulation!

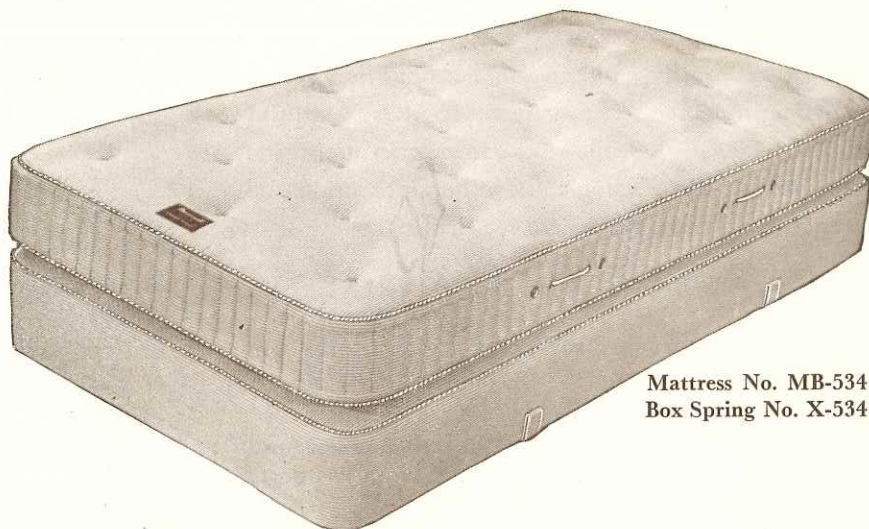
Patented Sag-Proof, Pre-Built Border . . . no sagging edges . . . more comfort . . . mattress maintains smart appearance.

4 Cord Handles . . . make it easier to turn.

8 Screened Vents . . . enable air to circulate through mattress. Keep interior fresh and clean.

Ticking . . . 8 oz. woven stripe—blue and white—No. 1101; or, brown and white—No. 1148.

Packed in protective carton.



Mattress No. MB-534
Box Spring No. X-534

PRICE EACH.....\$34.00

TRAVELER MATTRESS

Here's a down-to earth value in mattresses! Designed for comfort, the Traveler also is made to give more years of service than you would expect of a mattress so moderately priced. It's small budget bedding at its best!

210 Coil Springs . . . made of heavy gauge wire for added strength and firm support.

Sheeting Center Band Construction . . . exclusive with Traveler! Gives outer roll edge added strength to resist internal pressure.

43-Pound Felt and Sisal Upholstering . . . assures maximum comfort to sleeper.

Ticking . . . long-wearing 6 oz. blue and white woven stripe No. 706.

Packed in double paper bag.

TRAVELER BOX SPRING

A fine box spring that matches in quality, attractiveness and construction the MR-851 Traveler mattress!

88 Wire-Tied Coils . . . have the strength and rigidity to give years of service with minimum maintenance.

Stabilizers . . . installed to eliminate side-sway!

Thick Pad of Felt and Sisal Upholstering . . . provides resiliency and comfort over every square inch of sleeping surface!

Ticking to Match Traveler Mattress . . . blue and white woven stripe, No. 706.

Packed in protective carton.



Mattress No. MR-851
Box Spring No. X-851

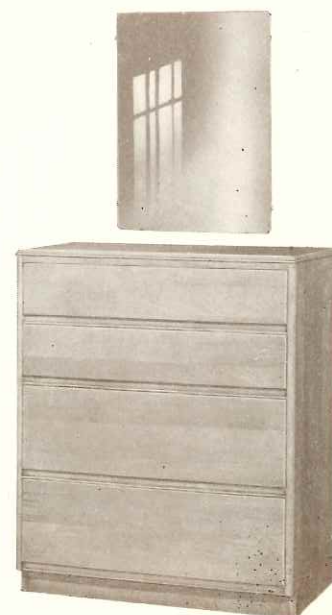
PRICE EACH.....\$26.00

Dormitory Room Wood Furniture



These pieces illustrate a few of our many dormitory furniture designs in Maple, Birch, or Oak lumber. All pieces are manufactured to rigid institutional specifications, and if quantities justify, may be made to customer's individual specifications. When inquiring about our dormitory furniture, state approximate quantity required of each item.

Drawings, layouts, and detailed specifications will be prepared whenever required, to assist customer in determining his exact requirements.



Reception Room Furniture

Genuine Mahogany

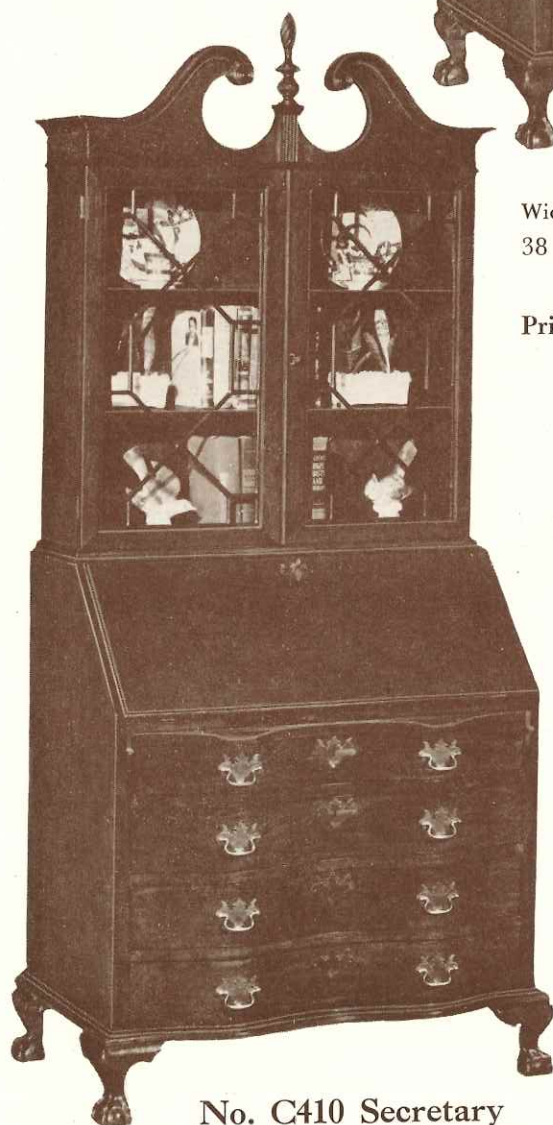
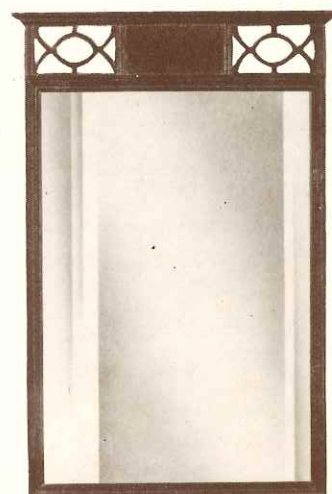
Occasional Pieces

**No. C411 Desk**

Width	Depth	Height
38 in.	22 in.	42 in.

Weight—200 Lbs.

Price \$86.80

**No. C410 Secretary**

Width	Depth	Height
38 in.	22 in.	86 in.

Weight—250 Lbs.

Price \$127.00

**No. C102 Console Table**

Top 42 in. x 21 in.	Weight 75 Lbs.
Price	\$33.20

No. C102 Console Mirror

Plate 20 in. x 30 in.	Overall 23 in. x 36 in.
Weight 25 Lbs.	Price \$17.10

Reception Room Furniture



No. C100 Drop Leaf Table

Top 40 in. x 20 in.—Hgt. 30 in.—Extended 40 in. x 80 in.

Weight—175 Lbs.

Price \$63.65



No. C140 Console Table

Top 40 in. x 20 in.—Hgt 30 in.—Extended 40 in. x 80 in.

Weight—140 Lbs.

Price \$79.75

GENUINE MAHOGANY



No. C52 Lamp Table

Top 17½ x 9½ in. Hgt. 27 in.

Weight—35 Lbs.

Price \$13.40



No. C51 Coffee Table

Top 17½ in. x 31½ in. Hgt. 16¾ in.

Weight—30 Lbs.

Price \$13.40

C50, C51, and C52 Table Series
carry 5 ply mahogany tops with
underparts solid hardwood.

OCCASIONAL PIECES



No. C50 End Table

Top 17½ x 19½ in. Hgt. 27 in.

Weight—30 Lbs.

Price \$13.40

Lounge Furniture



Jefferson Sofa

	Width	Depth	Height
Inside	66 in.	24 in.	19 in.
Overall	77 in.	37 in.	33 in.

Weight—250 Lbs.

Price \$133.70



No. 730 Ottoman

Length	Width	Height
23 in.	17 in.	15 in.

Weight—35 Lbs.

Price \$17.45

Jefferson Chair

	Width	Depth	Height
Inside	22 in.	23 in.	20 in.
Overall..	32 in.	37 in.	33 in.

Weight—110 Lbs.

Price \$66.70



Jefferson Short Sofa

	Width	Depth	Height
Inside	45 in.	24 in.	19 in.
Overall	56 in.	37 in.	33 in.

Weight—200 Lbs.

Price.....\$106.90



*All prices shown for furniture upholstered in plastic.
Prices of other types of material
available upon request.*

Lounge Furniture

Oxford Sofa

	Length	Depth	Height
Inside	66 in.	24 in.	19 in.
Overall	75 in.	37 in.	33 in.

Weight—250 Lbs.

Price \$133.70



Oxford Chair

	Width	Depth	Height
Inside	22 in.	23 in.	20 in.
Overall	30 in.	37 in.	33 in.

Weight—110 Lbs.

Price \$66.70



No. 729 Ottoman

Length	Width	Height
23 in.	17 in.	15 in.

Weight—35 Lbs.

Price \$11.40

Oxford Short Sofa

	Width	Depth	Height
Inside	45 in.	24 in.	19 in.
Overall	54 in.	37 in.	33 in.

Weight—200 Lbs.

Price \$106.90



All prices shown for furniture upholstered in plastic.
Prices of other types of material
available upon request.

Lounge Furniture



No. 701 Chair

	Width	Depth	Height
Inside	22 in.	22 in.	24 in.
Overall	33 in.	33 in.	37 in.

Weight—115 Lbs.

Price \$66.70



No. 700 Chair

	Width	Depth	Height
Inside	22 in.	22 in.	24 in.
Overall	33 in.	33 in.	37 in.

Weight—115 Lbs.

Price \$66.70



No. 729 Chair

	Width	Depth	Height
Inside	21 in.	21 in.	21 in.
Overall	29 in.	34 in.	33 in.

Weight 115 Lbs.

Price \$55.95



No. 800 Wing Chair

	Width	Depth	Height
Inside	22 in.	21 in.	28 in.
Overall	33 in.	32 in.	41 in.

Weight 115 Lbs.

Price \$77.05

*All prices shown for furniture upholstered in plastic.
Prices of other types of material available upon request.*

Lounge Furniture



No. 400 Chair

	Width	Depth	Height
Inside	21 in.	20 in.	19 in.
Overall	29 in.	28 in.	34 in.
Weight—80 Lbs.			
Price	\$41.90		

PATENT OFFICE
AUG 14 1951
DESIGN DIVISION



No. 100 Chair

	Width	Depth	Height
Inside	18 in.	20 in.	24 in.
Overall	28 in.	28 in.	35 in.
Weight—80 Lbs.			
Price	\$41.90		



No. 7300 Chair

Width	Depth	Height
25 in.	30 in.	32 in.
Weight—50 Lbs.		
Price	\$25.50	



No. 100B Chair

	Width	Depth	Height
Inside	18 in.	20 in.	24 in.
Overall	28 in.	28 in.	35 in.
Weight—80 Lbs.			
Price	\$41.90		

*All prices shown for furniture
upholstered in plastic.*

*Prices of other types of material
available upon request.*



No. 200 Chair

Width	Depth	Height
25 in.	30 in.	31 in.
Weight—50 Lbs.		
Price	\$25.50	

Lounge Furniture

**No. 600 Chair**

	Width	Depth	Height
Inside	20 in.	22 in.	22 in.
Overall	25 in.	30 in.	28 in.

Weight—75 Lbs.

Price.....\$41.90

**No. 900 Chair**

	Width	Depth	Height
Inside	22 in.	22 in.	18 in.
Overall	30 in.	27 in.	32 in.

Weight—110 Lbs.

Price.....\$55.95

**No. 4527-NP**

Width	Depth	Height
21 in.	15¾ in.	34⅜ in.

Weight—25 Lbs.

Price\$16.10

VICTORIAN CHAIR

*Simulated
Needlepoint
Seat***No. 4526-NP**

Width	Depth	Height
17½ in.	15½ in.	33 in.

Weight—15 Lbs.

Price\$11.40

Windsor Chairs



20 44-5

GOV. CARVER ARM CHAIR

Maple or Mahogany Finish

Price each \$17.10

Approximate weight 25 lbs.



1993-1

WINDSOR SIDE CHAIR

Maple or Mahogany Finish

Price each \$11.05

Approximate weight 15 lbs.



2099-1D

HITCHCOCK SIDE CHAIR

Black and Gold or Mahogany
and Gold Finish

Price \$14.40

Weight 12 lbs.



2036-5

WINDSOR ARM CHAIR

Maple or Mahogany Finish

Price each \$17.10

Approximate weight 25 lbs.



2089-1

WINDSOR SIDE CHAIR

Maple or Mahogany Finish

Price each \$10.75

Approximate weight 15 lbs.

Maple Furniture

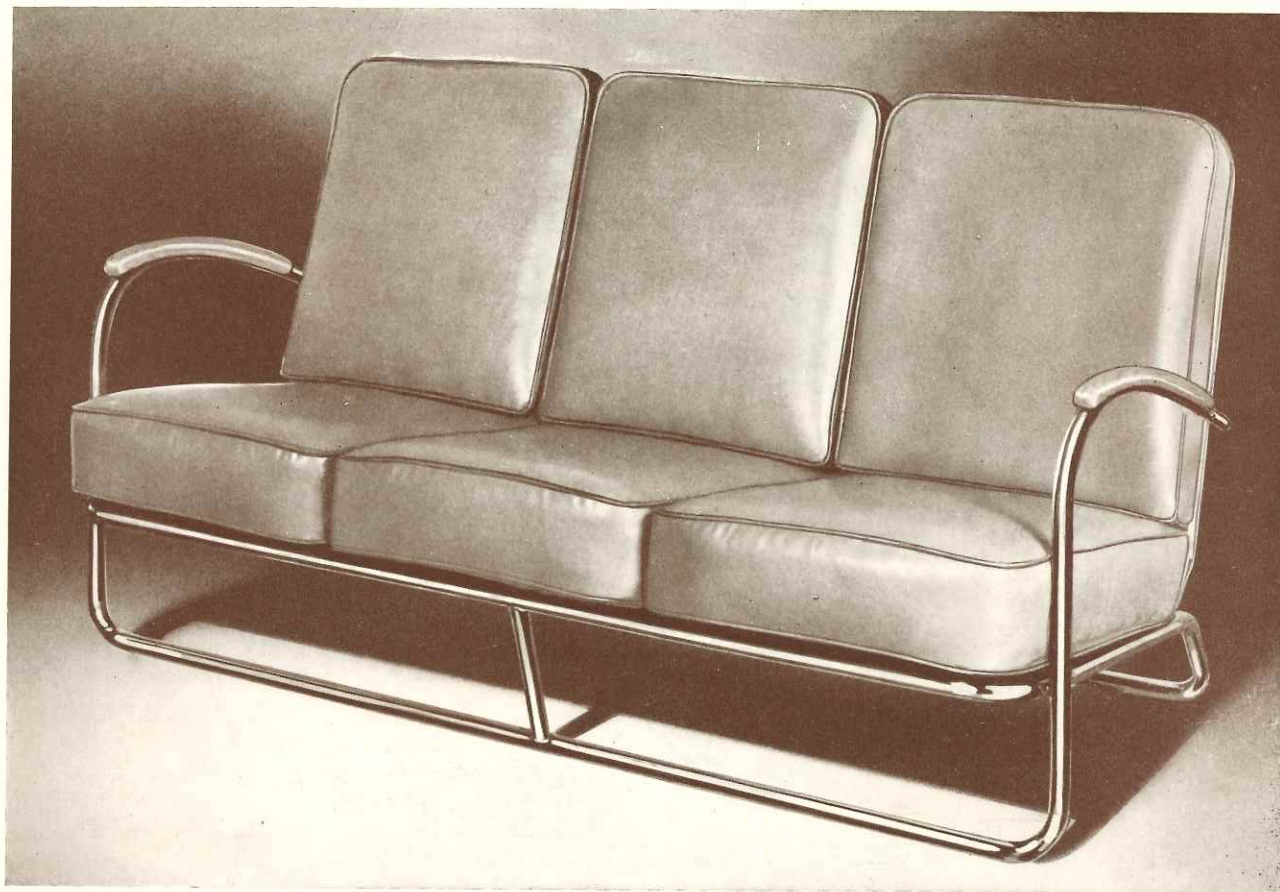
These pieces illustrate a few of our many designs of Maple Furniture. As well as the Sofa, Short Sofa, Wing and Lounge Chairs shown, other pieces, such as End, Lamp, Soffee, Pembroke, Refractory and Drop Leaf Tables, Student Desks, Chests, Dressers, Knee-hole Desks, Straight Chairs and Beds, are available.

Upholstered pieces can be done in either cloth or plastic fabrics.

*Write for illustrations, prices and
any other information required.*



Chromium Furniture



No. F-592 TWO-SEAT SETTEE

(Not Illustrated)

Removable spring-filled cushions. Arm rests are natural wood. Seat 42 in. wide, 21 in. deep. Back 22 in. high. Floor area 45 in. wide, 32 in. deep.

Price.....\$71.40

Weight 130 lbs.

Upholstered in fire-resistant Fabrolite plastic.

No. F-582 THREE-SEAT SETTEE

(Illustrated)

Same construction as F-592 two-seat settee, except with three seat and back cushions. Seat 63 in. wide, 21 in. deep. Back 22 in. high. Floor area 67 in. wide, 32 in. deep.

Price.....\$99.55

Weight 170 lbs.

Upholstered in fire-resistant Fabrolite plastic.

In this catalog we have only illustrated a few pieces of Chromium furniture. Many other styles of three-seat settees, two-seat settees, lounge chairs, straight chairs, tables of all descriptions and sizes, costumers and lamps are available. Write for descriptive literature and prices.

The pieces listed above and on these pages are available in varied styles in aluminum.

Chromium Furniture



No. 772

EASY CHAIR

Removable spring-filled cushions; back cushion reversible. Arm rests are natural wood. Seat 21 in. wide, 21 in. deep; back 22 in. high. Floor area 24 in. wide, 32 in. deep.

Price.....\$39.00

Weight 50 lbs.

Upholstered in fire-resistant Fabrolite plastic.

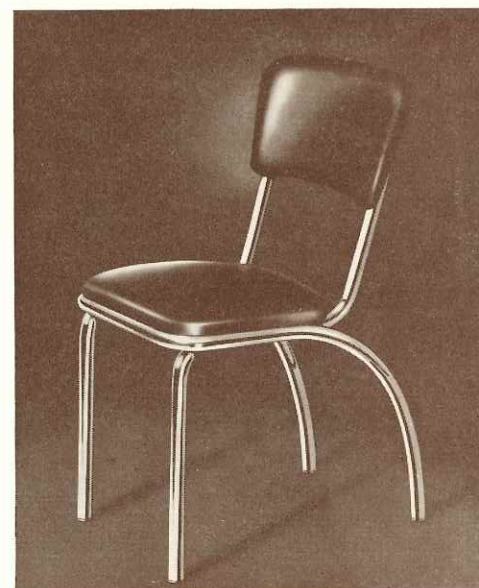
No. F-93 SIDE CHAIR

The seat and back are cotton padded. The seat is 15½ in. wide, 15 in. deep. The back is fashioned 9 in. wide, 16 in. high over seat. The feet are equipped with heavy chrome plated steel domes.

Price.....\$9.30

Weight 18 lbs.

Upholstered in fire-resistant Fabrolite plastic.
Rubber cushion Bassick glides extra.



SAMSON Folding Tables

No. 8800 Series

Features and Specifications

Electrically Welded, Tubular Steel Frame and Legs

Cold rolled steel tubing provides maximum strength and rigidity. Rounded corners. Steel furniture glides on legs.

Stain-Resistant, Washable Vinyl Top

¼ in. Masonite or plywood, padded with seven layers of creped "Kimpac" and covered with colorful Samsontex. Guaranteed "Flame Retardant," fully complying with various state and city fire hazard requirements.

Chip-Proof Enamel Finish All Metal Parts

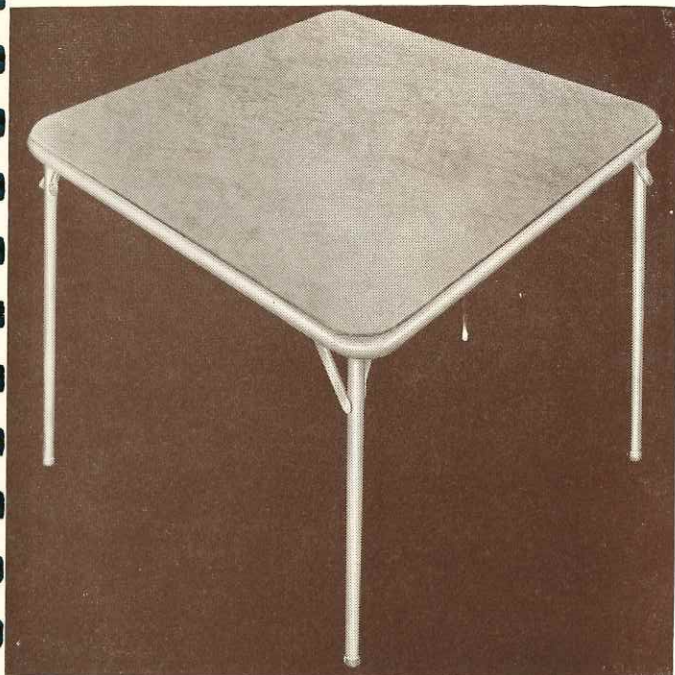
All metal parts rust-proofed by Bonderizing Process and dipped in non-chalking, chip-proof enamel; baked to a brilliant, durable finish.

Exclusive, Positive Action Leg Locks

Two-way steel braces with exclusive automatic lock.

Measurements

32 in. square; 27½ in. tall; when folded only 1⅞ in. thick.



STYLE No.	COLOR	FRAME	PRICE	WEIGHT
8851	HORIZON BLUE	GRAY	\$8.75	APPROXIMATELY 16 LBS. PER TABLE
8854	CANARY YELLOW	GRAY		
8857	FOREST GREEN	GRAY		
8858	RUBY RED	GRAY		
8872	LUGGAGE BROWN	BROWN		
8873	SUN TAN	BROWN	EACH	

ORDER BY SPECIFIC NUMBER

No. 7700 Series

Features and Specifications

Electrically Welded, Tubular Steel Legs

Cold rolled, steel tubing, tipped with steel furniture glides to protect floors and rugs.

Stain-Resistant, Wood Grain Tops

Beautifully designed reproduction of finest cabinetwork. Durable 6-ply laminated fibre coated with thick layer of high grade lacquer. Easily cleaned with damp cloth. Cannot be damaged by hot tea or coffee. Tops shaped smoothly over rounded frame and metal bound.

Chip-Proof, Enamel Finish on Legs

Tubular steel legs are rust-proofed by Bonderizing Process and dipped in non-chalking, chip-proof enamel; baked to a brilliant durable finish.

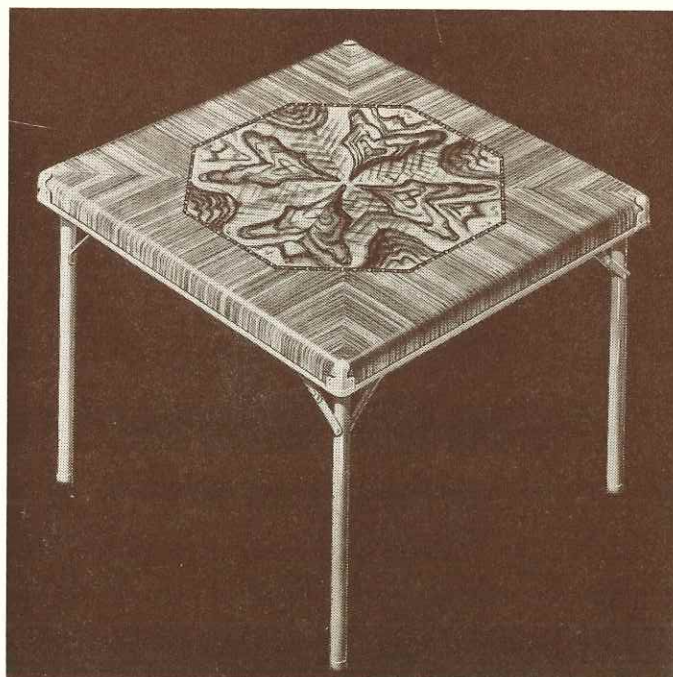
Safe, Easy-Action Leg Locks

Two-way steel braces for permanent rigidity. Table will not wobble or fold accidentally.

Measurements

30 in. square, 26¼ in. high; when folded only 1⅞ in. thick.

STYLE No.	COLOR	LEGS	PRICE	WEIGHT
7750	BURL WALNUT	GRAY	\$3.45	APPROXIMATELY 12 LBS. PER TABLE
7751	MAHOGANY			
7752	BURL WALNUT			



Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

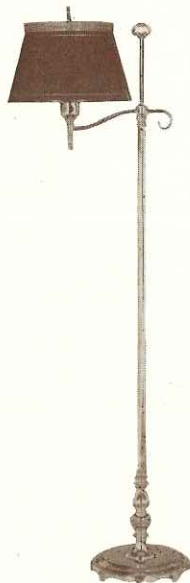
Table, Floor and Desk Lamps

POLISHED COLONIAL BRASS LAMPS

Solid Brass Tubing Cast White Metal Base Fine Metal Gallery Parchment Shades In Green or Maroon

**No. 912 TABLE LAMP**30" High—8" Glass Reflector
All cast White Metal Plated
finishes; Bronze Highlighted.Maroon & Gold
Green & Gold
Black & GoldSHADES—15" Satin over
Parchment in Maroon, Rust
or Egg Shell or 15" Heavy
Parchment in Green, Maroon
or Gold.

Price - - - - \$13.10 ea.

**STUDENT BRIDGE**

8" Reflector

54" High - 12" Shade

Price - - - - \$18.10 ea.

**3-WAY CHAIR**

8" Reflector

57" High - 18" Shade

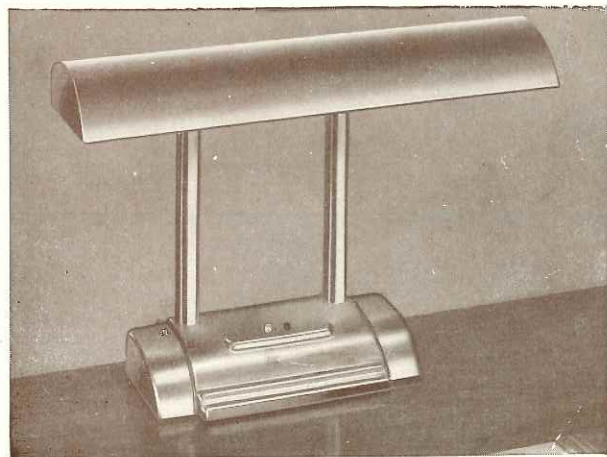
Price - - - - \$18.10 ea.

**No. 912/1 TABLE LAMP**30" High—8" Glass Reflector
All Cast White Metal Plated
finishes; Bronze Highlighted.Maroon & Gold
Green & Gold
Black & Gold
White & Gold
Antique SilverSHADES—15" Satin over
Parchment in Maroon, Rust
or Eggshell or 15" Heavy
Parch. in Green, Maroon,
White, Silver or Gold.

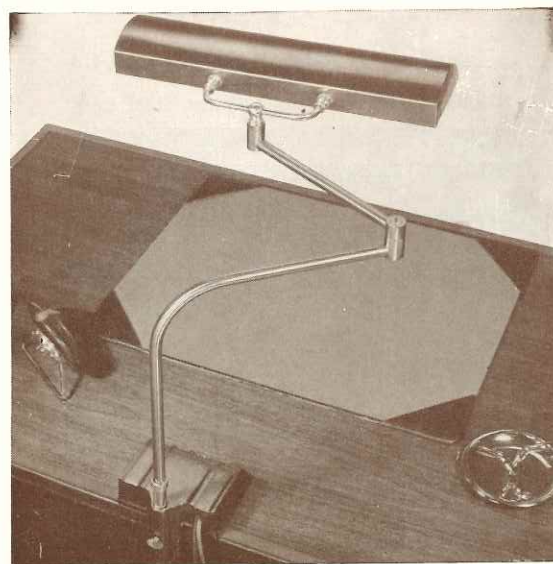
Price - - - - \$13.10 ea.

Other Styled and Priced Lamps Available.

Write for Information

**PORTABLE FLUORESCENT DESK LAMP MODELS**

One Tube		2-Tone Corduroy Brown Wrinkle	Two Tubes
4211	\$20.50	with Gold Columns	4211-2 \$24.25
4212	\$22.50	*2-Tone Metallescent Gray with Silver Columns	4212-2 \$26.25
4212-A	\$22.50	*1-Tone Metallescent Gray	4212-A2 \$26.25
4213	\$22.50	*2-Tone English Antique Bronze with Gold Columns	4213-2 \$26.25
4213-A	\$22.50	*1-Tone English Antique Bronze	4213-A2 \$26.25

**FLUORESCENT DOUBLE-ARM ADJUSTABLE CLAMP-ON MODELS**

One Tube		2-Tone Corduroy Brown Wrinkle and Gold	Two Tubes
1006-A	\$24.50		1006-A2 \$28.25
1006-B	\$27.50	*2-Tone English Antique Bronze and Gold	1006-B2 \$31.25
1006-G	\$27.50	*2-Tone Metallescent Gray and Silver	1006-G2 \$31.25

FLOWERS Church Furniture



C-100 PULPIT SET

The C-100 Pulpit set illustrated above is but one of many manufactured by us in our Lawrenceville, Virginia, factory. Made of selected oak or birch woods, these pulpit sets come in a variety of styles and sizes to fit your individual needs and may be finished to your specification.

The C-100 center and side chairs can be furnished with either upholstered (plastic or velour) or wood seats.

Flowers-built quality, the best in materials and workmanship, combine to give you custom-made church furniture unexcelled for utility, durability and beauty. Manufacture in this locality also reduces cost of shipment, thereby effecting economy in buying.

Pieces illustrated in succeeding pages embody all the fine features of the C-100 Pulpit set. In addition, many are available, but not shown. Included in the Flowers line of Church furniture are Communion tables, Communion rails, pew front screens, choir screens, lecturns, bible stands, flower stands and many other standard items for your church.

Prices for standard furniture and custom-built pieces are available upon request. Consult our representatives for assistance and further particulars.

FLOWERS Church Furniture**CHURCH PEWS**

No. 80 Body with No. 60 End; Shaped seat and back, solid construction, manufactured of Oak or Birch.

Back—Overall Height 20¼"

—Thickness 1-1/16"

Seat—Width 15¼"

—Thickness 1¼"

No. 10 End—Overall Height 35"

—Width 20"

—Thickness 1½" - 2" or 2¼"

Finish — Any standard stain or combination enamel and stain.
Pew Ends of other style and design available.



Write for Quantity Prices

PRICES UPON APPLICATION

FLOWERS Church Furniture



No. 85

Pew ends are constructed of two and three pieces of 1 in. lumber, dressed and securely glued together. Ends are furnished in 1½ in, 2 in. and 2¼ in thicknesses, as desired, with heavy base securely fastened. All edge joints are tongue and grooved.

Pew ends may be selected in Romanesque, Colonial, or Gothic designs as may be suitable for your requirements.

Special design ends furnished upon request.

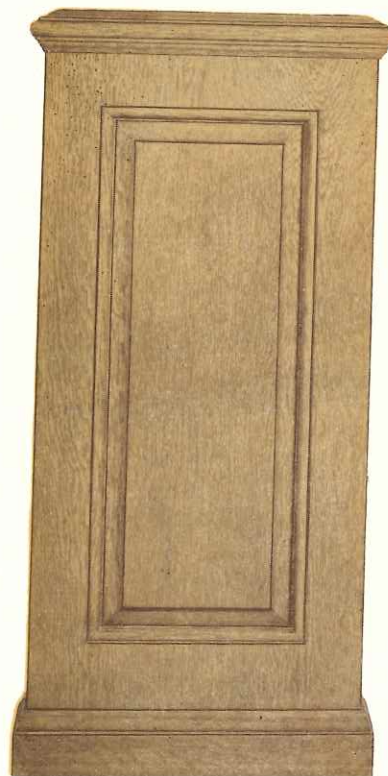


No. 50



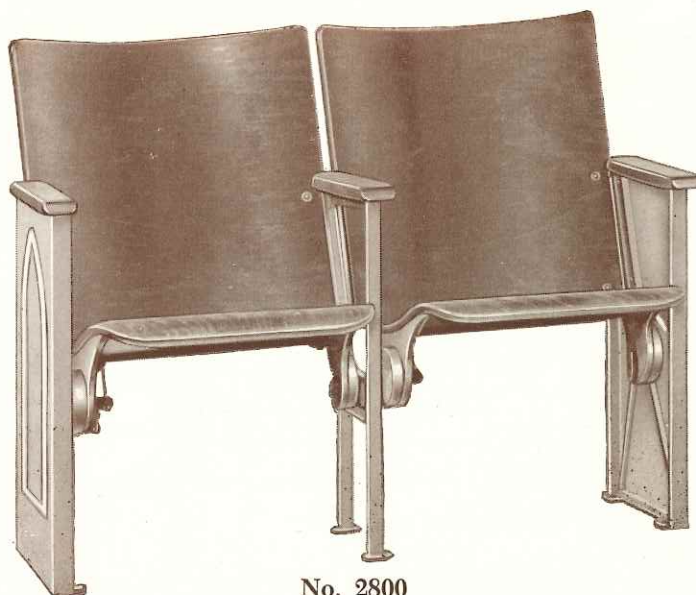
No. 10

SPECIAL DESIGN
ENDS FURNISHED
UPON REQUEST



No. 70

Cathedral Chairs, Sanctuary Seating and Racks

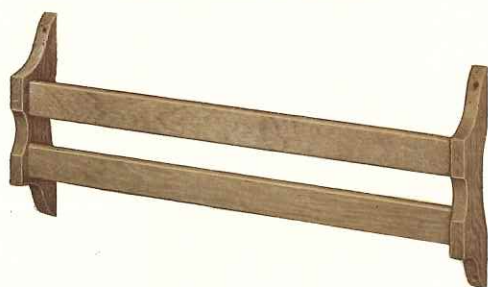


No. 2800

Especially designed for ecclesiastical use in church auditoriums. Comfort and convenience, custom built into each installation. Massive aisle standards along with "pew type" backs lend distinction and beauty to your auditorium. Also available with upholstered seat and back. Walnut or Suntan finish.



Card Holder No. 4



Book Rack No. 200



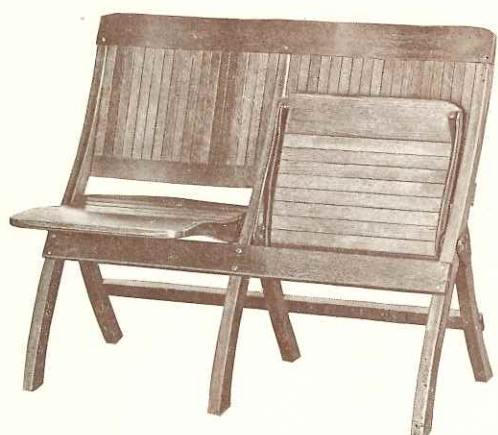
Book Rack and
Communion Cup Holder No. 205



Cathedral Chair No. CH 500
with Kneeler and/or Book Rack

PRICES UPON APPLICATION

Wood Folding and Portable Assembly Chairs



No. 251 PORTABLE ASSEMBLY CHAIR

(2 Seat Section)

(Approx. Dimen.)

SEAT: $\frac{1}{2}$ " solid oak slats—17" high—16 $\frac{1}{2}$ " wide—15 $\frac{1}{2}$ " deep. Steel seat brackets. Shaped to comfort form. Slats securely held by steel splines.

BACK: 18" wide, center to center of legs. Compound curve in shape and made from solid oak slats $\frac{3}{8}$ " in thickness.

LEGS: Bandsawed from 1 $\frac{1}{4}$ " solid oak stock, 1 $\frac{3}{4}$ " wide at point of greatest stress, edges shaped and corners rounded. Rear leg fastened to the main leg by a steel chevis yoke.

FINISH—Nut Brown or Natural.

	Price	Wt.
Single	\$6.95 ea.	14 lbs.

Two or Three Seat
Section—per Sitting \$6.50



No. 92

ADULT SIZE FOLDING CHAIR

	Price
Brown Finish	\$34.40 doz.
Natural Finish	\$33.50



No. 63

Padded Back — Spring Seat
Single Chairs or Sections of 2

	Price	Wt.
Single	\$15.40	33 lbs.
Sections—per Sitting	14.60	
Finish: School Brown		

No. 21

5 Ply 7/16" Back — 5 Ply 7/16" Seat
Single Chairs or Sections of 2
Finish: School Brown

	Price	Wt.
Single	\$7.45	18 lbs.
Sections—per Sitting	\$6.90	



CHILDREN'S FOLDING CHAIRS

For use in Sunday Schools, Kindergartens, etc.

	Price
Brown Finish	\$25.30 doz.
Natural Finish	24.60 doz.

Mosher, Bow-Back, Woven Seat Chairs



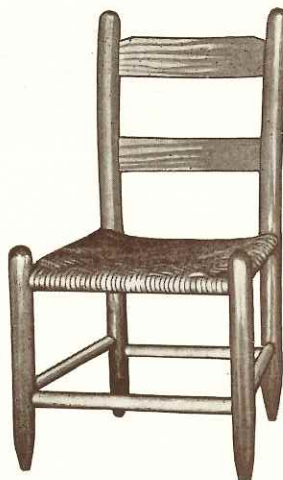
No. 60-D

16 Inches or 18 Inches High

PRICE

Each\$ 1.85
 Dozen 22.00

Weight 8 lbs.



No. 514

14 Inches High

PRICE

Each\$ 1.60
 Dozen 18.80

Weight 6 lbs.



No. 512

12 Inches High

PRICE

Each\$ 1.55
 Dozen 18.50

Weight 6 lbs.

MOSHER TYPE CHAIR



No. 48-12

12 Inches High

PRICE

Each\$ 3.10
 Dozen 37.00

Weight 6 lbs.

No. 48-14

14 Inches High

PRICE

Each\$ 3.30
 Dozen 39.40

Weight 7 lbs.

No. 48-16

16 Inches High

PRICE

Each\$ 3.70
 Dozen 44.25

Weight 8 lbs.



BOW BACK CHAIR

No. 46-12

Each\$ 3.05
 Dozen 36.20

Weight 6 lbs.

No. 46-14

Each\$ 3.25
 Dozen 38.60

Weight 6 lbs.

FLOWERS S-100 Semi-Circle Table



SPECIFICATIONS ON S-100 SEMI-CIRCLE TABLE

These tables are made with solid oak tops, tongue and groove construction glued up, $1\frac{1}{8}$ in. thick—60 in. long, 35 in. wide with concavure in center back for teacher, equipped with drawer and lock in center of convacure. Aprons $4\frac{1}{2}$ in. wide. Six legs $1\frac{7}{8}$ in. x $1\frac{7}{8}$ in. neatly tapered in heights 22 in. to 30 in. as desired. Equipped with rubber cushioned glides.

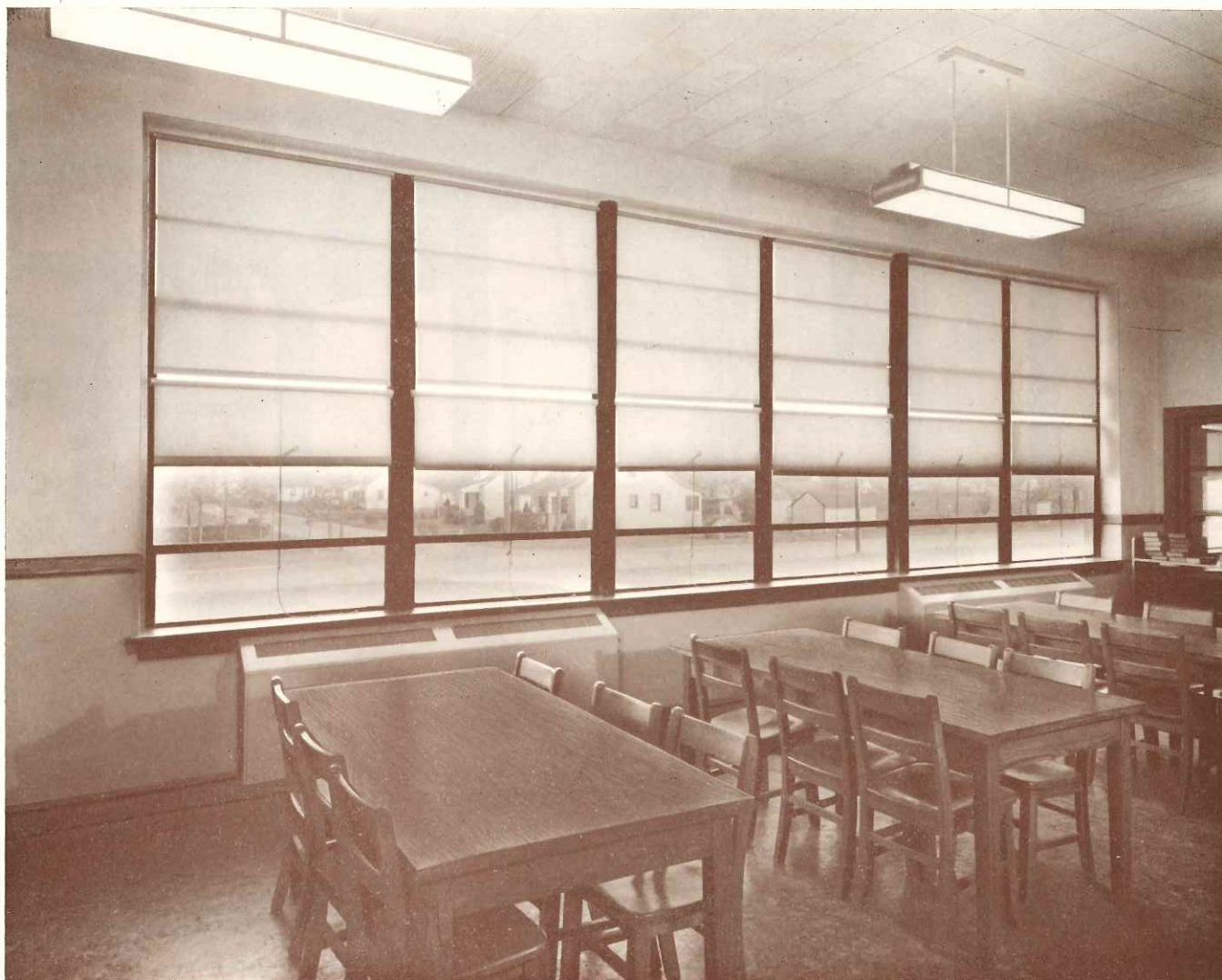
Finish—Nut brown or natural.

Special finishes at slightly extra cost.

Price each\$38.00

Approximate weight 90 lbs.

Window Shades for Schools, Colleges, Universities



*Installation at Lakeside Elementary School,
Henrico County, Virginia, by FLOWERS.*

THE IMPORTANCE of correct lighting in schools cannot be overestimated.

CORRECT CONTROL of natural light is necessary for scientific illumination. The quality of the natural light must be integrated with the lighting system to achieve the most satisfactory results.

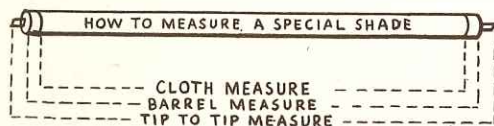
In order to be of acceptable quality, say authorities, natural light must be free from objectionable glare and from excessive contrast of brightness in the field of vision. Glare from sunlight pouring through the windows upon desks, as well as the brightness of the sky seen through windows, must be under control.

THE JOB of the shade in the schoolroom is to admit enough light to permit reading and classroom work without eyestrain and to exclude glare from strong sunlight.

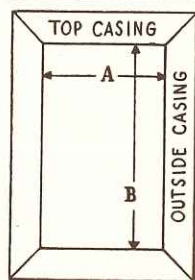
Du Pont TONTINE Shade Cloth

For BETTER LIGHTING

INSTRUCTIONS FOR MEASURING WINDOW SHADES



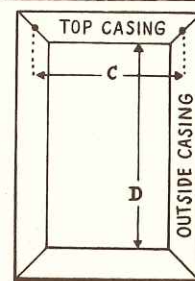
Inside Installation



Washable
Fire-Resistant
Long-Lasting
Economical

The two most common installations are inside and outside mounting.

Outside Installation



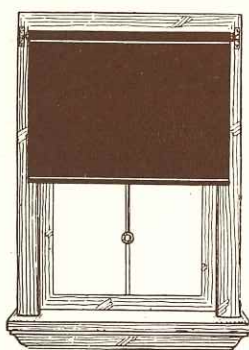
INSIDE MOUNTING. Measure between the surfaces upon which the brackets are mounted or to be mounted (A). This will be the "tip-to-tip" measure of your shade. For the length, measure the window opening from top to bottom (B), and add 12" for proper wrap around the roller.

OUTSIDE MOUNTING. For new installation, we recommend that the cloth overlap the casing on each side of the window opening by 2". Therefore, take cloth width measurements in this manner (C), and set bracket to accommodate roller.

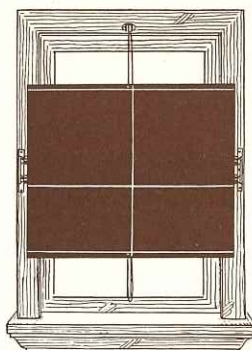
If brackets are already up, then measure between the inside face of the brackets, which will give the barrel measurement of the shade roller.

For the length, measure the window opening from top to bottom (D), and add 12" for proper wrap around the roller.

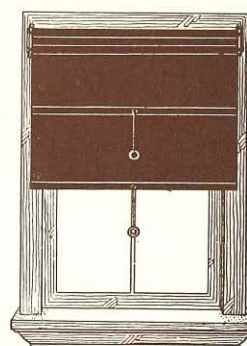
THREE SHADE INSTALLATIONS



SINGLE SHADE
OUTSIDE
BRACKETS



DOUBLE SHADE
CENTER HUNG
OUTSIDE BRACKETS



DOUBLE SHADE
TOP HUNG
OUTSIDE BRACKETS

Due to the various widths, lengths and styles of window shade installations, we feel it inadvisable to list prices. Our salesmen are available to measure your windows. Either ask for this service or send your measurements.

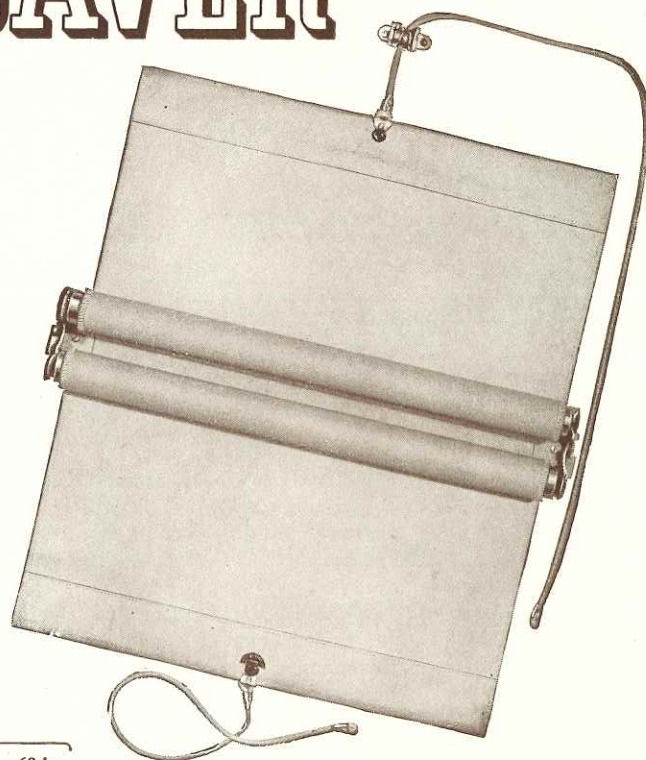
SIGHTSAVER

SUPERTEX No. 105 DOUBLE-ROLLER SHADE

Most states recommend double-roller shades and a translucent shade material for their schools. The No. 105 Sightsaver Double-Roller Shade with Supertex fabric meets these requirements. Sightsaver has two rollers mounted at the center of the window. This independent shading of the top and bottom halves of the window gives you control of both light and ventilation as well as the recommended top-lighting. Sightsaver shades are so easy to operate that shades can be adjusted regularly so that rooms are always correctly shaded.

Sightsaver Gives Long, Trouble-Free Service

Sightsaver shades are built to endure hard, constant service in schools, offices, libraries, hospitals, and public buildings. The brackets and light-shield are formed from 22-gauge steel and finished tan. The lightshield prevents direct sunlight from entering between the rollers. It forms a rigid support for the shade brackets so that the shade rollers always operate smoothly. The Sightsaver shade has every refinement that will add to its long trouble-free life and appearance. The edges of the shades are stitched to prevent fraying. The cord ends are fitted with metal fasteners that hold securely without weakening the shade slats. Only the Sightsaver No. 105 shade has the fool-proof demountable fixture illustrated below.



Sizes and Prices No. 105 Sightsaver Double-Roller Shade

Length	CLOTH WIDTHS									
	18 in.	24 in.	30 in.	36 in.	40 in.	44 in.	48 in.	54 in.	58 in.	69 in.
5 ft.....	\$5.04	\$5.56	\$5.94	\$6.03	\$6.71	\$7.10	\$ 7.61	\$ 8.15	\$ 8.61	\$ 9.78
6 ft.....	5.22	5.85	6.30	6.39	7.13	7.49	8.09	8.66	9.18	10.46
7 ft.....	5.35	6.03	6.56	6.66	7.47	7.84	8.47	9.10	9.66	11.10
8 ft.....	5.56	6.30	6.88	6.98	7.88	8.24	8.95	9.64	10.18	11.79
9 ft.....	5.69	6.50	7.07	7.17	8.03	8.61	9.34	10.07	10.71	12.41
10 ft.....	5.89	6.79	7.46	7.57	8.63	9.00	9.80	10.60	11.27	13.00
11 ft.....	5.98	6.98	7.71	7.80	8.93	9.32	10.20	11.04	11.73	13.70
12 ft.....	6.19	7.34	8.01	8.15	9.47	9.38	10.70	11.66	12.31	14.40

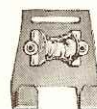
Intermediate widths and lengths are charged for on basis of next larger width or length.

For lock pulley at the sill, add 18 cents net per shade.

For double cord suspension on top shade instead of single cord, as illustrated, add 21 cents net per shade.

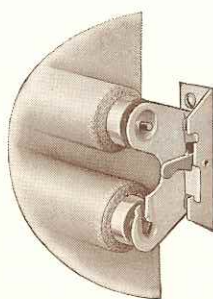
Sufficient allowance is made in above lengths for overlap and wrap around.

SPECIAL SIGHTSAVER HANGER



Release the spring catches on both sides of the light shield and hang the whole Sightsaver assembly on the special hanger that is part of the lock pulley (see small illustration). Sightsaver die-cast pulleys have bronze axles for smooth, silent operation. They lock automatically, positively.

EASILY REMOVED FOR CLEANING



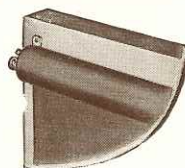
The whole Sightsaver shade is quickly removed from its brackets by releasing the patented spring catches. No tools are needed. There are no pins to remove and misplace. A special hanger at the lock

pulley holds the shade at the top of the window. The entire window is then free for cleaning or repairing. When shades can be removed so easily, they naturally remain cleaner and are better cared for than the ordinary fixed type of shade.

HOW TO MEASURE WINDOWS FOR SHADES

To make sure your shades fit perfectly give us the following information regarding the width and length of window opening and whether inside or outside mounting is desired.

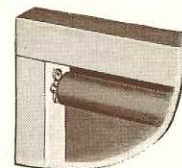
OVERLAPPING INSTALLATION



(A) Overlapping Installation

Above illustration shows shade mounted on face of casing overlapping the window opening. Measure the actual width of opening and add 1½ inch on each side for overlap. Give actual height of window.

INSIDE INSTALLATION



(B) Inside Installation

Above illustration shows shade mounted inside of casing. Give exact width of window opening. We allow for play in bracket. Give actual height of window. To measure for lightproof shades see below.

TO MEASURE WINDOWS FOR LIGHTPROOF SHADES

For overlapping installation of lightproof shades follow the same procedure as in Figure (A). For inside installation light arresters must be used or light will leak through. Give actual width and height of window opening.

Canvas Window Shades

SUPERTEX

Style No. 100 Single-Roller Shade—\$1.98 and up

The Supertex No. 100 Single-Roller Shade meets ordinary shading problems on regular type, casement, swinging, astral or tilting sash windows, transoms, and skylights. Because they wear longer and can be cleaned oftener, Supertex Shades are an economical investment. Furnished complete with automatic spring roller, brackets, slats, and cord pull, ready for installation. May be installed either overlapping the casing or between the casing.

Sizes and Prices Style No. 100 Single-Roller Shade

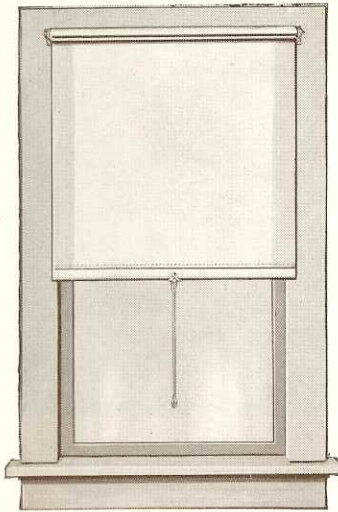
Length	CLOTH WIDTHS									
	18 in.	24 in.	30 in.	36 in.	40 in.	44 in.	48 in.	54 in.	58 in.	69 in.
3 ft.....	\$1.98	\$2.26	\$2.47	\$2.59	\$2.86	\$3.18	\$ 3.37	\$ 3.66	\$ 3.96	\$ 4.54
4 ft.....	2.11	2.45	2.72	2.88	3.22	3.55	3.79	4.12	4.47	5.15
5 ft.....	2.26	2.69	3.01	3.18	3.62	3.95	4.22	4.60	5.06	5.83
6 ft.....	2.42	2.93	3.28	3.49	3.95	4.25	4.64	5.06	5.59	6.48
7 ft.....	2.58	3.16	3.57	3.79	4.33	4.64	5.08	5.66	6.12	7.11
8 ft.....	2.72	3.37	3.84	4.12	4.69	5.03	5.49	6.02	6.63	7.74
9 ft.....	2.88	3.60	4.12	4.43	5.20	5.40	5.94	6.52	7.20	8.42
10 ft.....	3.03	3.81	4.39	4.74	5.40	5.73	6.30	10.02	10.87	11.25
11 ft.....	3.22	4.08	4.69	5.08	6.21	6.44	10.20	10.53	11.44	11.87
12 ft.....	3.37	4.32	4.98	5.39	6.67	7.00	10.44	11.00	12.02	12.46

Intermediate widths and lengths are charged for on basis of next wider width or length.

For lock pulley at the sill, add 18 cents net per shade.

Sufficient allowance is made in above lengths for overlap and wrap around.

STYLE No. 101 PULL-UP SHADES. Shade mounted at bottom of window to pull up, add 18 cents per shade.



SUPERTEX

Style No. 114 Double-Roller Shade—\$4.82 and up

The Supertex No. 114 Double-Roller Shade has all the light control advantages of the No. 105 Sightsaver, but it is without the demountable feature. The light shield and roller brackets fasten directly to the window casing. No. 114 shades provide beneficial top-lighting and their ease of operation encourages proper control of light and air at all times. The Supertex shade cloth tempers glaring sunlight and allows plenty of diffused light to enter the room. Shades are complete with No. 4½ hard-braided cord, lock pulley, and all hardware, ready to install. Brackets and light shield are finished tan, to match the cloth. Shades can be mounted on any type of window, either on outside of window casing (recommended) or between the casing.

Sizes and Prices Style No. 114 Double-Roller Shade with Light Shield

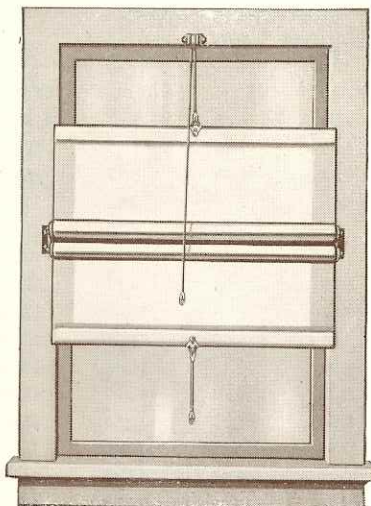
Length	CLOTH WIDTHS									
	18 in.	24 in.	30 in.	36 in.	40 in.	44 in.	48 in.	54 in.	58 in.	69 in.
5 ft.....	\$4.82	\$5.33	\$5.72	\$5.81	\$6.48	\$6.87	\$ 7.38	\$ 7.92	\$ 8.38	\$ 9.28
6 ft.....	4.99	5.62	6.08	6.17	6.91	7.27	7.86	8.44	8.96	10.24
7 ft.....	5.13	5.81	6.33	6.44	7.25	7.62	8.25	8.88	9.44	10.88
8 ft.....	5.33	6.08	6.66	6.75	7.65	8.01	8.73	9.42	9.96	11.56
9 ft.....	5.47	6.28	6.84	6.94	7.81	8.38	9.11	9.84	10.47	12.18
10 ft.....	5.67	6.57	7.23	7.35	8.40	8.78	9.52	10.37	11.05	12.78
11 ft.....	5.76	6.75	7.48	7.57	8.62	9.09	9.98	10.81	11.50	13.48
12 ft.....	5.96	7.11	7.79	7.92	9.25	9.61	10.47	11.53	12.08	14.17

Intermediate widths and lengths are charged for on basis of next wider width or length.

For lock pulley at the sill, add 18 cents net per shade.

For double cord suspension on top shade instead of single cord as illustrated, add 21 cents net per shade.

Sufficient allowance is made in above lengths for overlap and wrap around.



SUPERTEX

Style No. 115 Overlapping Shade—\$4.46 and up

This Supertex Style No. 115 Overlapping Double-Roller Shade gives you the advantages of regular double-roller shades—top lighting and ventilation control—at lowest cost. The overlapping of the top and bottom shade eliminates the necessity for the light shield. The assembly consists of two shades mounted on a double bracket—a separate shade for each window. The shade mounted on the lower roller pulls up; the shade mounted in the upper roller pulls down. Thus no light can shine between the shade rollers. Brackets are heavy cast metal. Shades are complete with No. 4½ hard-braided cord, lock pulley, and all hardware, ready to install. Shades can be mounted either on the outside (recommended) or between the casing.

Sizes and Prices Style No. 115 Overlapping Shade

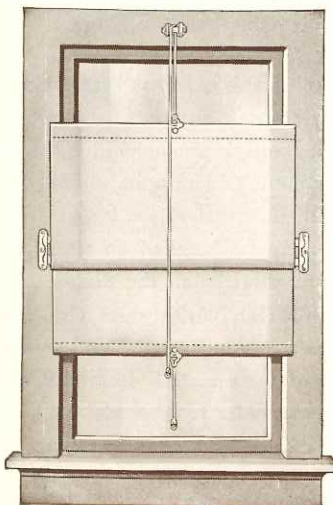
Length	CLOTH WIDTHS									
	18 in.	24 in.	30 in.	36 in.	40 in.	44 in.	48 in.	54 in.	58 in.	69 in.
5 ft.....	\$4.46	\$4.97	\$5.36	\$5.49	\$6.17	\$6.56	\$ 7.07	\$ 7.61	\$ 8.07	\$ 8.88
6 ft.....	4.68	5.31	5.76	5.85	6.55	6.95	7.55	8.12	8.64	9.88
7 ft.....	4.81	5.45	6.02	6.12	6.93	7.26	7.93	8.56	9.21	10.56
8 ft.....	5.02	5.67	6.30	6.44	7.34	7.70	8.41	9.06	9.64	11.25
9 ft.....	5.24	5.87	6.53	6.63	7.49	7.87	8.75	9.62	10.17	11.64
10 ft.....	5.44	6.30	6.96	6.99	8.04	8.42	9.29	10.06	10.73	12.46
11 ft.....	5.53	6.44	7.17	7.26	8.39	8.78	9.75	10.50	11.19	13.16
12 ft.....	5.65	6.75	7.47	7.61	8.89	9.29	10.26	11.21	11.63	13.86

Intermediate widths and lengths are charged for on basis of next wider width or length.

For double cord suspension on top shade instead of single cord as illustrated, add 21 cents net per shade.

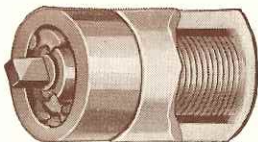
For lock pulley at the sill, add 18 cents net per shade.

Sufficient allowance is made in above lengths for overlap and wrap around.



SUPERTEX

WINDOW SHADE EQUIPMENT

**HARTSHORN ROLLER**

Made of one-piece selected white pine. Highly tempered springs, extra-strong end pieces. Guaranteed for twenty-five years.

15/16-in. diameter up to and including 45 in. long, each.....	\$0.70
1 1/8-in. diameter, up to and including 55 in. long, each.....	1.15
1 1/4-in. diameter, up to and including 55 in. long, each.....	1.35
1 1/4-in. diameter, up to and including 73 in. long, each.....	1.90

Brackets for single-roller shades and slats furnished with rollers at no added cost if requested. Specify if brackets are for inside or outside mounting and whether single or double-notch rollers are desired. In specifying length of roller, state whether length is barrel measure or tip-to-tip measure.

SUPERTEX SHADE CORD

Replace worn-out, unsightly shade cords. Use Supertex No. 4 1/2 hard-braided cord, same as used on all Sightsaver and Supertex shades. It has a hard, smooth finish and is designed especially for use with lock pulleys.

1 to 49 yards, price per yard.....	\$0.06
50 yards or over, price per yard.....	.05

SUPERTEX LOCK PULLEY

Sightsaver lock pulleys are silent, automatic and positive in action. Moving parts are machined to minimize wear on the cord. Axle made of bronze. Both the frame and pulley proper are non-breakable die-cast metal.

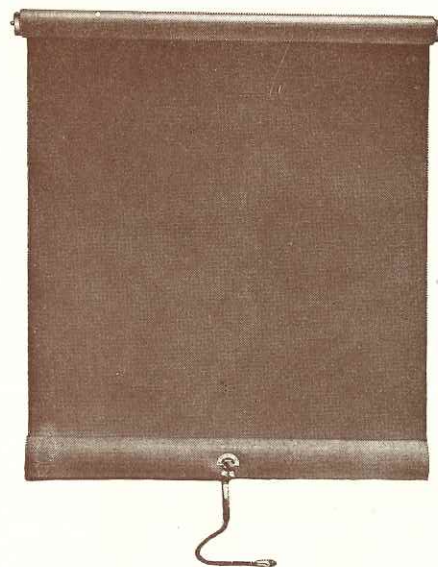
Price, each.....	\$0.18; per dozen.....	\$1.98
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SUPERTEX

No. 123

LIGHTPROOF SHADES

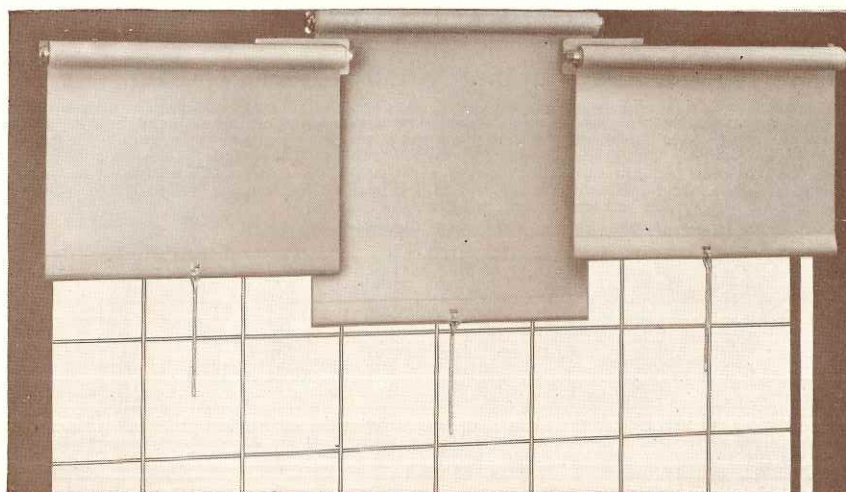
For years buyers have selected Supertex lightproof shades for visual education rooms, auditoriums, laboratories, and other uses. Supertex shades are chosen for their simplicity of operation; rooms are efficiently darkened by simply lowering these lightproof shades. Supertex darkening material is made opaque by forcing a black, waterproof compound into Supertex cotton duck shade cloth. The result is a material that is both lightproof and longwearing. It will not crack or peel as will cheaper materials. Supertex darkening cloth is made black on both sides.



Intermediate widths and lengths are charged for on basis of next wider width or length. For lock pulley add 18c net per shade.

Sizes and Prices of No. 123 Lightproof Shades

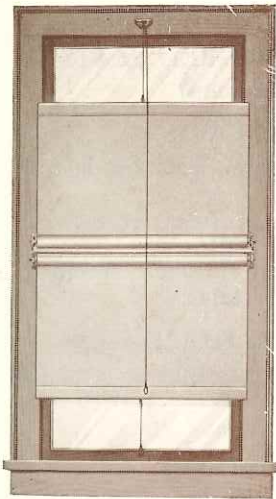
Length	CLOTH WIDTHS						
	36 in.	40 in.	45 in.	48 in.	55 in.	61 in.	72 in.
5 ft.	\$4.40	\$4.95	\$ 5.50	\$ 5.90	\$ 6.35	\$ 7.40	\$ 9.35
5 1/2 ft.	4.55	5.20	5.85	6.25	7.05	7.85	10.00
6 ft.	4.90	5.50	6.20	6.60	7.30	8.25	10.65
6 1/2 ft.	5.05	5.80	6.55	6.95	7.75	8.80	11.20
7 ft.	5.45	6.15	6.85	7.35	8.10	9.10	11.70
7 1/2 ft.	5.65	6.45	7.20	7.80	8.45	9.75	12.25
8 ft.	5.75	6.75	7.55	8.20	8.90	10.15	12.75
8 1/2 ft.	6.10	7.15	7.85	8.55	9.40	10.60	13.30
9 ft.	6.45	7.55	8.20	8.85	9.95	11.05	13.80
9 1/2 ft.	6.60	7.70	8.65	9.20	10.35	11.45	14.40
10 ft.	6.95	7.90	9.00	9.55	10.70	12.00	15.00
10 1/2 ft.	7.20	8.65	9.20	9.95	11.10	12.50	15.55
11 ft.	7.50	8.85	9.45	10.35	11.55	12.95	16.15
11 1/2 ft.	7.75	9.10	9.80	10.80	11.95	13.40	16.65
12 ft.	8.05	9.35	10.15	11.20	12.30	13.85	17.20

We Can Shade Your Extra Wide Windows

The correct and economical way to shade windows that are extra wide or a group of windows in a series is to use a multiple shade unit. This unit is designed for mounting overlapping shades which hang and operate independently without friction or interference. Can be installed on either wood or metal casing or directly on the plaster reveal. Shades are SUPERTEX cotton duck cloth made from long-staple cotton duck thread and woven to a pliable, uniform texture. All installations are built to fit your particular requirements.

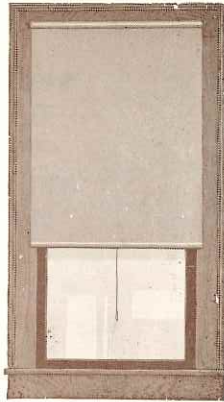
*Estimate Furnished on Your Specifications
Without Obligation*

DRAPER Canvas Window Shades

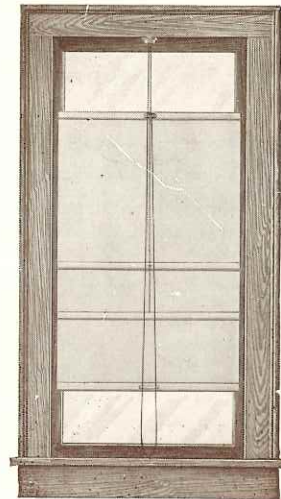


Patented Nov. 20, 1928

**Draper Style "V"
Double Roller Shade**



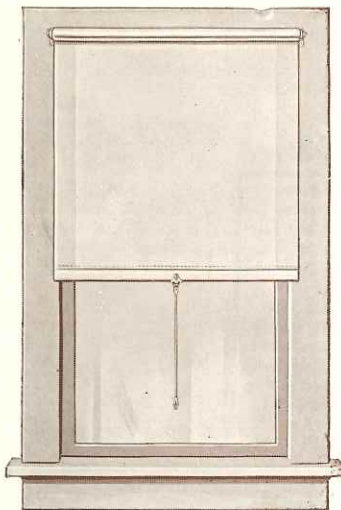
**DRAPER STATIONARY
ROLLER SHADE**



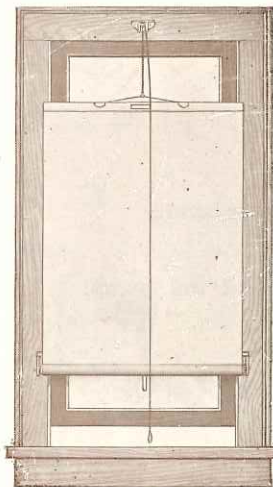
Patented Nov. 17, 1908

**Draper Eclipse "A"
Folding Shade**

We handle the well-known line of DRAPER SHADES and are in position to quote you on any style desired. This page illustrates only a few of the many styles of DRAPER WINDOW SHADES.

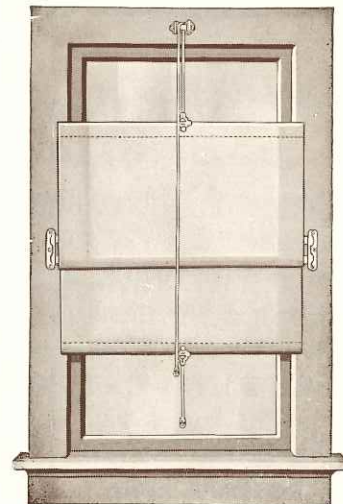


**SINGLE SHADE
OUTSIDE
BRACKETS**



Patented Jan. 8, 1907 and Aug. 7, 1923

**Draper Sanitary
Roller Shade**



**DOUBLE SHADE
CENTER HUNG
OUTSIDE BRACKETS**

Due to the various widths, lengths and styles of window shade installations, we feel it inadvisable to list prices. Our salesmen are available to measure your windows. Either ask for this service or send your measurements.

FLEXALUM Venetian Blinds



VINYL PLASTIC TAPE 5 WAYS LOVELIER

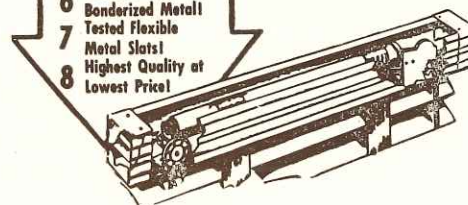
- **FLEXALUM TAPE STAYS BEAUTIFUL**
Won't deteriorate in any climate. Never needs replacing.
- **FLEXALUM TAPE STAYS CLEAN**
Dust slides right off. Stains and spots vanish at the touch of a damp cloth.
- **FLEXALUM TAPE WON'T FADE**
Sealed-in colors last as long as the Flexalum Tape itself — practically forever.
- **FLEXALUM TAPE WON'T STRETCH**
Can't sag or age. Keeps blinds correctly aligned always.
- **FLEXALUM TAPE CAN'T SHRINK**
Rain, heat, cold, sunlight have no damaging effects on Flexalum Tape.
- **FLEXALUM TAPES AVAILABLE** in the following colors:
Green, Mulberry, Cream, Red, Chocolate, White, Blue and Pastel Green.

SPRING - TEMPERED SLATS (Aluminum)

- **FLEXALUM'S BEAUTY LASTS**
The gleaming plastic finish lasts for keeps — won't crack, chip or peel.
- **FLEXALUM IS CLEANER**
Dust rolls off its smooth surface. A cloth banishes all soot, grime, weather stains.
- **FLEXALUM KEEPS ITS SHAPE**
Spring-tempered to lie straight across the widest windows! Heat-treated to bend with your brush, snaps back to perfect shape instantly.
- **FLEXALUM WEIGHS LESS**
Only 1/3 as heavy as old-fashioned blinds. Easier to operate. Less wear and tear.
- **FLEXALUM IS RUST-PROOF**
No rusting or warping. FLEXALUM is impervious to sun, moisture, heat, coal gas. Stays new-looking.
- **FLEXALUM SLATS** available in the following colors:
Terra Cotta, Peach, Beige, Yellow, Ivory, Dark, Light, Pastel Greens, Eggshell, Blue and Pastel Blue, Gray, White and Natural Aluminum.
- **AVAILABLE WIDTHS** up to 12 feet.

8 features

- 1 Smoother Roller-Head Operation!
- 2 Self-Adjusting Tilting Device!
- 3 Exclusive Non-fraying Cord-Lock!
- 4 Easy-Fitting, Safety Installation Brackets!
- 5 Modern-Designed Enclosed Metal Head!
- 6 Electro-Galvanized, Banderized Metal!
- 7 Tested Flexible Metal Slats!
- 8 Highest Quality at Lowest Price!



BRENEMAN Venetian Blinds

STEEL • ALUMINUM • WOOD

LIBERTY Model 46

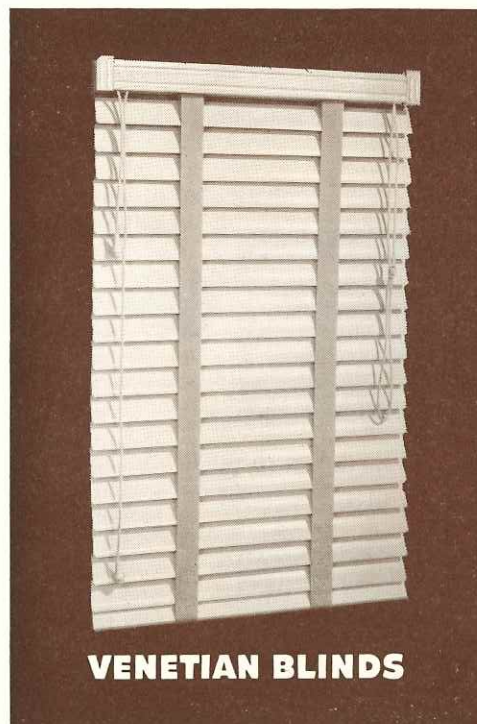
(Illustrated)

Custom made to measure. All metal fascia with baked enamel finish. Self-adjusting tilt gear. Duplex tapes.

Slats available in the following colors: No. 92 Ivory, No. 5 White, and No. 4 Off White.

Tapes available in the following colors: Duplex Colors—No. D-1 Chocolate, No. D-2 Mulberry, No. D-10 Cream, No. D-20 Red, No. D-21 Blue. Solid Colors—No. 7 Mingled, No. 8 White, and No. 9 Duck.

Available widths up to 12 feet.



VENETIAN BLINDS

CUTAWAY VIEW

of Breneman VENETIAN BLIND Showing Strong, Compact Metal Head Box

1. HEAD DESIGN

Attractive styling. Head is less than 2" high. Neat, compact. Unusual head and bracket pattern.

2. BRACKETS

Brackets open fully on both sides. Easier to install. Safety catch keeps blinds in place.

3. TILT GEAR

Smooth-working Tiltor, with patented cord-leveling feature. Tilts fully, quietly, easily.

4. TILT BAR

Square, steel Tilt Bar. Gives longer service, but is not bulky or heavy. Operates freely . . . turns past center for better closing of slats. Tape drums attached.

5. HARDWARE

Zinc-plated hardware. Notice that this hardware is not snapped in or crimped on as in a child's toy. Hardware parts are permanently and rigidly attached.

6. QUALITY

Breneman Venetian Blinds are backed by the experience of 99 years of manufacturing. The name "Breneman" is your guarantee of quality material and workmanship at the lowest possible cost.

7. PULLEYS

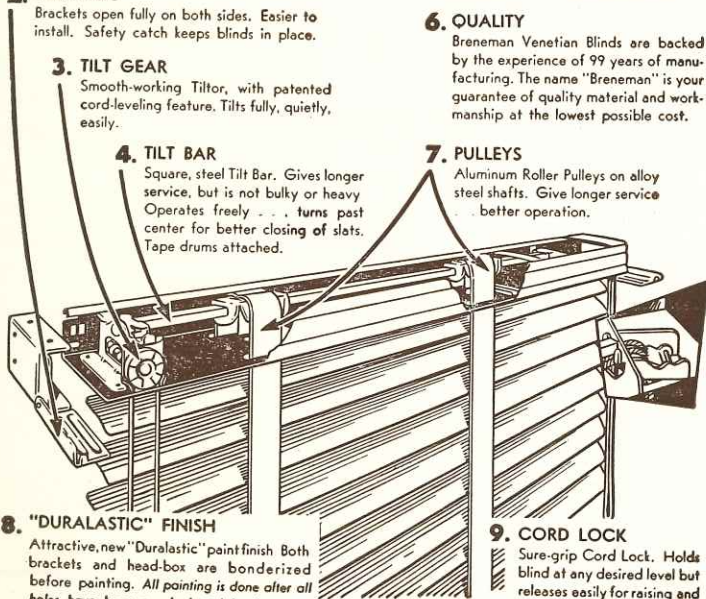
Aluminum Roller Pulleys on alloy steel shafts. Give longer service . . . better operation.

8. "DURALASTIC" FINISH

Attractive, new "Duralastic" paint finish. Both brackets and head-box are bonderized before painting. All painting is done after all holes have been punched and hardware installed.

9. CORD LOCK

Sure-grip Cord Lock. Holds blind at any desired level but releases easily for raising and lowering the slats. Design assures longer cord life.



HOW TO MEASURE FOR BLINDS

For installation inside window frame, give us exact opening for width. Make no allowances. We make all necessary allowances. For length give exact height of opening from top to sill.

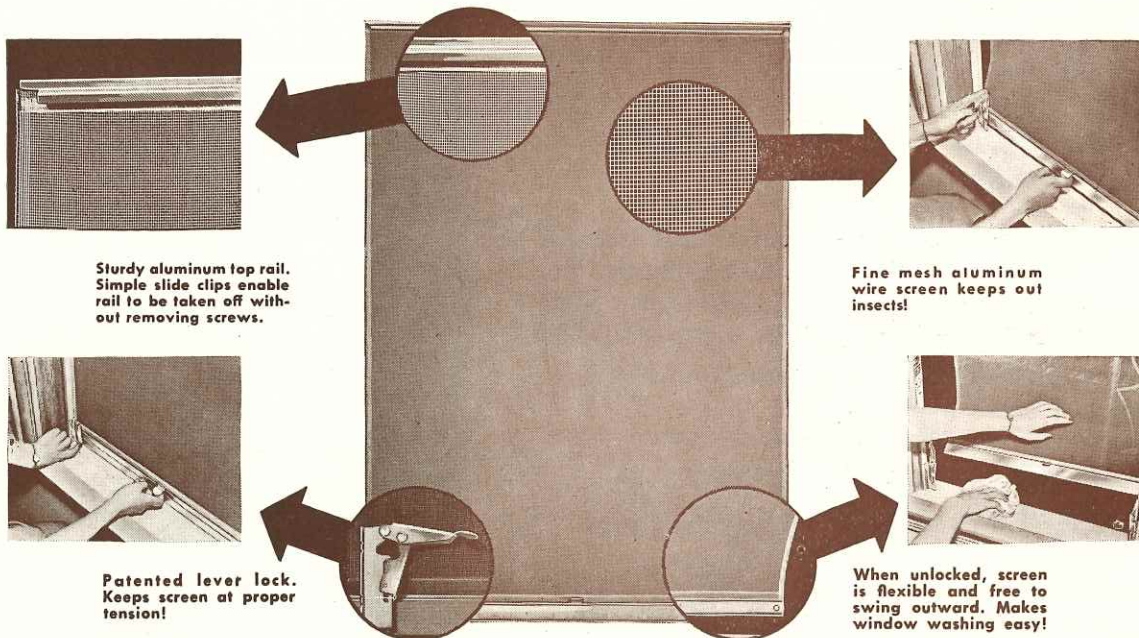
For installation on outside facings of window frames, give us exact head width of blind required. Also give the full overall length of blind required.

Please give all measurements in inches and be sure to indicate which is width and which is length.

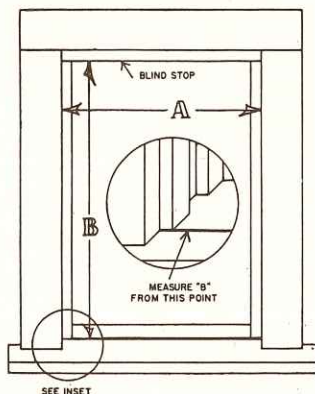
Columbia-matic

FRAMELESS

SCREENS



HOW TO MEASURE



Look At These BIG Features

- Easily installed from inside! No outside ladders! No risk of accidents! No clumsy frames!
- New convenience! Windows are washed without removing the screens. When unlocked, screen is flexible and free to swing outward.
- Sturdy locking lever holds screen at proper tension. Never sags! Keeps out insects!
- Economical! Screen wire and rails are aluminum. Require no expensive painting. Never rust!
- Screens cannot be removed from the outside. Real safeguard against theft of personal property.
- So flexible, screens can be rolled up into small bundle for easy storage!

THESE EXCLUSIVE FEATURES MEAN EXTRA SATISFACTION

Measure each window separately, on the outside of window, using yardstick or metal rule. Measure (A) width between casings and (B) height from bottom of blind stop to sill. Give actual measurements as allowance is made for clearance.

Complete Size Range

In stock: Widths 20" to 48". Lengths 34" to 70".

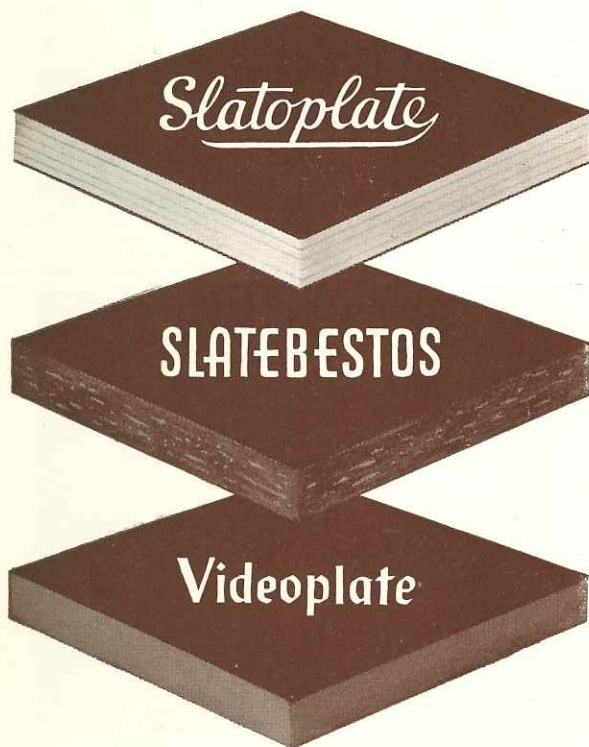
Made to Measure: Widths 12" minimum — 60" maximum.

Lengths 8" minimum — 84" maximum.

Write for Quantity Prices

Modern Types of Chalkboards

For Today's School Use



The chalkboard is one of the important teaching aids in the classroom. Through sketch, diagram, and script, the teacher uses it to clarify classroom problems, as well as projects under discussion. It is a common medium for portraying subject matter, because it is clearly within the vision of every member of the class. An accessory of such great importance, and upon which so much depends, is therefore selected with great care. A dollar saved in the purchase price of a chalkboard may be lost hundreds of times during its life through inefficiency and injury to eyesight.

Three Outstanding Chalkboards to Choose from: SLATOPLATE, VIDEOPLATE, and SLATEBESTOS, with their extra hard, thick, super surface, are alike in writing qualities. They differ only in the type of backing to which the surface is applied.

Beckley-Cardy Chalkboard Surface is the result of years of scientific research in the laboratory, factory, and classroom. Every new idea of real merit has been incorporated, thereby resulting in a high standard of excellence. This chalkboard surface functions perfectly in any classroom and under every climatic condition from the tropics to Alaska. It is close grained, compact, uniform in color, does not reflect light, and all crayon marks are sharply contrasted against dull, non-glare surfaces so that characters are clearly visible from any point of the room. The finished surface is smooth, but has the proper bite for rapid, legible writing. Some chalkboard surfaces contain rough grits which produce a sandpaper finish. Such surfaces literally tear eraser felt to shreds and grate crayon to powder. These types of surface are always gray and porous, and chalk dust soon becomes deeply and permanently embedded. The Beckley-Cardy chalkboard surface contains no rough, porous grits, but has embodied in it a large percentage of fine carborundum (one of the hardest and best cutting mediums known). Chalk marks are easily removed, leaving the surface clean and ready for further use.

It has been proven that SLATOPLATE, VIDEOPLATE, and SLATEBESTOS chalkboards outwear, under similar conditions, any ordinary manufactured chalkboard. See descriptions below of backing and other features plus the economical prices of the outstanding chalkboards.

	SLATOPLATE	SLATEBESTOS	VIDEOPLATE
BACKING	5-ply, pure spruce wood fibers laminated under great pressure into 1/4-inch panels.	Cement-asbestos composition is formed into homogenous stone-like panels by hydraulic pressure.	Exploded wood pressed into smooth, warp-proof panels under hydraulic pressure.
FEATURES	Light weight, shockproof, economical. Long lengths.	Indestructible. Practically no coefficient of expansion, so can be used in any climate.	Light weight, shockproof, moisture-proofed, slight coefficient of expansion.
WRITING SURFACE	Same as Slatebestos.	Series of surfacing coats applied and finished by our exclusive machine process. Final carborundum coat sanded and rubbed to give smooth, close-grained surface that marks clearly, erases easily.	Same as Slatebestos.
COLORS	Same as Slatebestos.	Green or black—all permanent. Writing and erasing qualities are equal.	Same as Slatebestos.
INSTALLATION	Same as Videoplate.	Install with cement furnished and nail through board into wall or studding. Simplex Metal Joining Strips recommended for joints. No special wall construction needed.	Nail through boards into wall or studding. Simplex Metal Joining Strips recommended for joints. No special preparation necessary.
SIZES	Widths: 3, 3 1/2, 4 feet. Lengths: 1 to 12 feet. Thickness: 1/4-inch. Special sizes cut to order.	Widths: 3 1/2, 4 feet. Lengths: 5, 6, 7, 8 feet. Thickness: 3/16-inch. Special sizes cut to order.	Widths: 3 1/2, 4 feet. Lengths: 1 to 12 feet. Thickness: 1/4-inch. Special sizes cut to order.
WEIGHTS	1 lb. per sq. ft.	2 1/2 lbs. per sq. ft.	2 1/4 lbs. per sq. ft.
WARRANTY	Same as Slatebestos.	Guaranteed against defective workmanship and materials.	Same as Slatebestos.
PRICES	<i>Per Square Foot Black or Lite Green</i> 1- 99 sq. ft. \$0.43 100-199 sq. ft. 40 200 sq. ft. or more..... .35	<i>Per Square Foot Black or Lite Green</i> 1- 99 sq. ft. \$0.73 100-199 sq. ft. 70 200 sq. ft. or more..... .65	<i>Per Square Foot Black or Lite Green</i> 1- 99 sq. ft. \$0.51 100-199 sq. ft. 48 200 sq. ft. or more..... .43

Deep-Bed Natural Slate Black Board

The finest blackboard slate is found in lower veins at a depth of from 300 to 500 feet below the earth's surface.

DEEP-BED brand natural slate is carefully selected from this lower vein blackboard stock.

DEEP-BED brand natural slate is notable for its perfect adaption to blackboard use. Its color is extremely dark bluish-black without lustre. The surface is of unusually fine cleavage and exceptionally smooth, having no rough places or granular spots. There are no webs, clouds, hard metallic veins, or other inequalities found in it. The polished surface is unexcelled by any slate surface, either domestic or foreign, for registering and contrasting chalk marks, for easy cleaning, and for low maintenance cost.

DEEP-BED brand natural slate also possesses a remarkable degree of toughness and elasticity, thus offering great resistance to strain, shocks, blows, and effects of settlement.

WEIGHTS AND DIMENSIONS

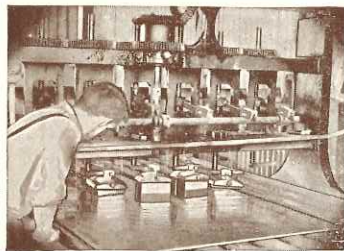
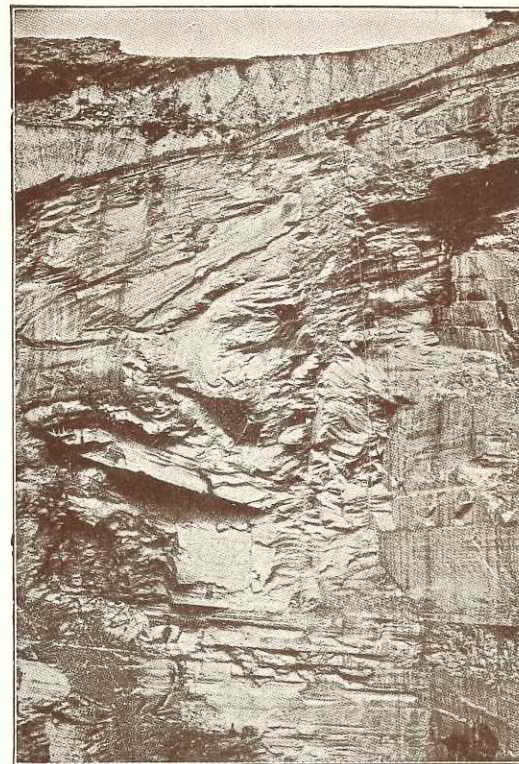
The standard widths are 3, 3½, and 4 ft. Lengths of boards vary, depending on the size of slabs available in the quarry. For wall spaces 4 ft. 6 in. and under, a single slab is used. Spaces 4 ft. 6 in. to 9 ft. require two slabs, 9 ft. to 13 ft. 6 in. three slabs, and longer sections are divided into spaces as nearly 4 ft. 6 in. in length as possible. The thickness of the finished blackboard varies from ¼ in. to ⅜ in. Shipping weight 5½ lbs. a square foot.

HOW TO ORDER

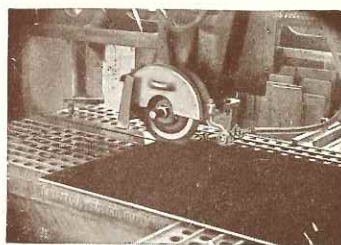
To avoid error follow these simple instructions:

1. Give the length and width of wall spaces to be filled with blackboard.
 2. If the rooms are numbered, give the room numbers for each space.
- DEEP-BED slate slabs will always be jointed and fitted at the mill.

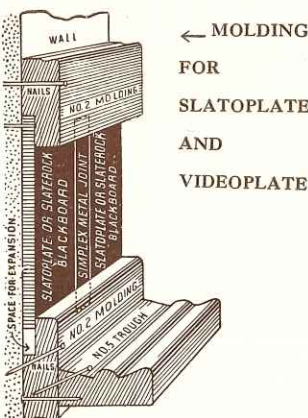
DEEP-BED SLATE quarried here at depths of 350 to 500 feet. Note straightness of grain compared with surface or shallow formation.



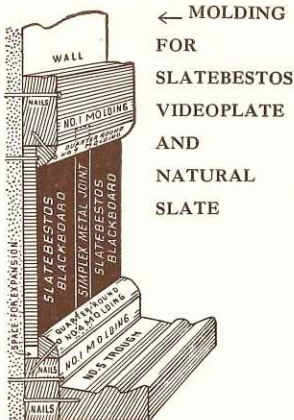
Illustrating the final honing operation by which the finest slate blackboard surface is produced. Every square foot of slate is carefully inspected during this process.



Illustrating the cutting and trimming of slate panels by means of carborundum discs, to produce a perfect edge that makes an almost invisible hairline joint.



← MOLDING
FOR
SLATOPATE
AND
VIDEOPLATE



← MOLDING
FOR
SLATEBESTOS
VIDEOPLATE
AND
NATURAL
SLATE

MOLDINGS FOR INSTALLING SLATE

Slate chalkboard being heavy, strong, substantial moldings are required. Our moldings are all special pattern, made of kiln-dried white pine, sanded ready for finishing.

No. 24 Molding for top, bottom and ends.

Per foot\$0.25

No. 22 Chalk Trough.

Per foot\$0.25

No. 23 Quarter-Round to hold slate in place at top, bottom and ends of board.

Per foot\$0.15

METAL CHALKBOARD JOINTS



Stamped from heavy metal. The two flat, "H" shaped leaves or wings lie flat against chalkboard. Finished to match chalkboard, they make one smooth, continuous writing surface.

No. 30 Chalkboard Joints, 3, 3½, 4 ft. lengths, Each.....\$0.50

SLATOPATE LIQUID SLATING

Makes Old Chalkboards Like New Again

Extra high grade and heavy bodied. Makes a smooth, yet hard and abrasive, velvety black or green writing surface. Use on worn boards, hard plaster, composition or wood boards. One gallon will cover about 600 square feet one coat.

Full directions on each can.
Shipping weights: Pint 1½ lbs.; quart, 3 lbs.; ½ gal. 6 lbs.; gal. 12 lbs.



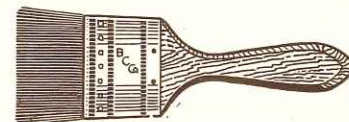
Do Not Use on Natural Slate

	Pint	Quart	½ Gal.	Gallon
Black, price	\$1.35	\$2.25	\$4.00	\$7.50
Litegreen, price	1.50	2.50	4.50	8.00

BEAR'S HAIR SLATING BRUSHES

An excellent brush for applying Slatoplate Liquid Slating. Order by number the size desired. Weights from 5 to 8 ounces.

- No. 5—3-inch brush.....\$2.10
- No. 7—4-inch brush.....3.65
- No. 9—5-inch brush.....5.25
- No. 11—6-inch brush.....7.25



WOOD CHALKBOARD MOLDING

No. 1 Molding, 2 in. wide, for use at top, bottom and ends of chalkboard. Also forms support for No. 5 chalk trough.

Price per foot.....\$0.25

No. 4 Quarter-round Molding, ⅝ in. wide, to hold top, base and ends of chalkboards in place; also used in corners against window casings.

Price per foot.....\$0.15

No. 5 Improved Chalk Trough, 2½ in. wide. Center "hump" forms pockets which collect and hold dust.

Price per foot.....\$0.25

No. 2 Rabbeted Molding, 2 in. wide, used for top, bottom and ends of chalkboard.

Price per foot.....\$0.25

Improved Metal Molding for Chalkboards and Corkboards

New, Modern SIMPLEX ALUMINUM MOLDING

New, modern-design aluminum chalkboard molding is recommended for its ease of installation. It is extremely lightweight, neat, and sanitary. No special wall construction is required, other than the usual grounds. Simplex molding is furnished with cast metal corners or it may be mitered on the job.

ILLUSTRATION 1 shows mitered corner construction with map rail between chalkboard and corkboard.

ILLUSTRATION 2 at the right shows use of metal corner piece with metal mullion between the boards.

All pieces are furnished ready to drill at time of installation to insure perfect fit. Anodized finish requires no further finishing.

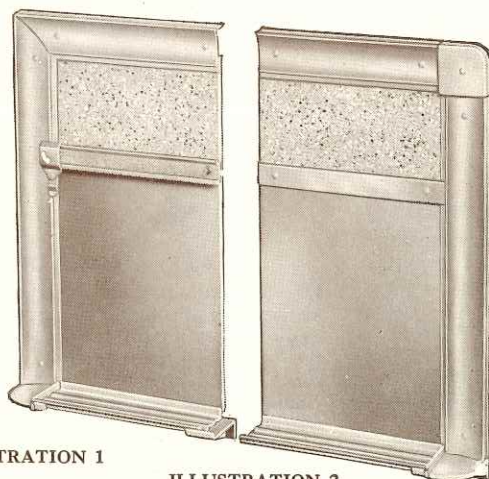
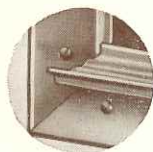
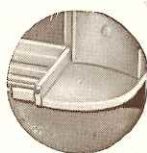


ILLUSTRATION 1

ILLUSTRATION 2



Detail Showing
Mitered Corner



Detail Showing
Corner Piece

A. No. 57. Simplex Aluminum Trim. For chalkboard top, bottom and ends. 2 1/8 in. wide.

Per lineal foot.....\$0.35

B. No. 57C. Simplex Corner Piece. For any style of trim. Use instead of mitered corners. 2 1/4 in. square.

Each\$0.35

C. No. 58. Simplex Aluminum Mullion. For covering joints between chalkboards and bulletin boards. 3/4 in. wide.

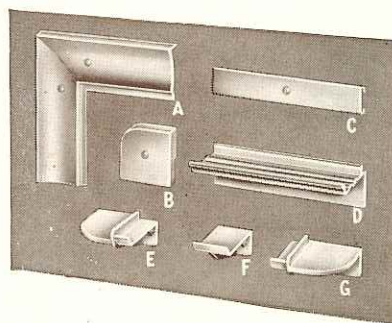
Per lineal foot.....\$0.35

D. No. 56. Simplex Aluminum Chalk Trough. For use with all types of wood and metal trim. New design simplifies installation. Molded ridges trap chalk dust and hold eraser above it. Inside bottom of trough 2 1/4 in. across. Per lineal foot.....\$1.20

E. No. 59L. Simplex Aluminum Casting for left end. Each.....1.00

F. No. 59C. Simplex Aluminum Casting to join sections. Each.....1.00

G. No. 59R. Simplex Aluminum Casting for right end. Each.....1.00



STEEL CHALK TRAY AND SCREEN



No. 55. Simplex Formed Steel Chalk Tray and Screen are designed for use in all flat-bottomed wood and metal chalk troughs. Width 2 in. Per lineal foot.....\$0.40

CHALKBOARD - CORKBOARD

Installation Cross Section

PATENT OFFICE

AUG 14 1951

DESIGN DIVISION

CORKBOARD

MAP
RAIL
&
HOOK

MULLION

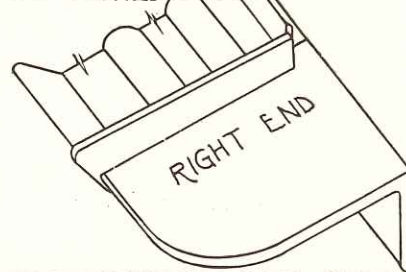
CHALKBOARD

CHALK TROUGH

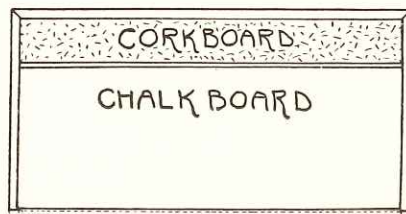
MOLDING
OPTIONAL

SCALE 1/2" = 1"

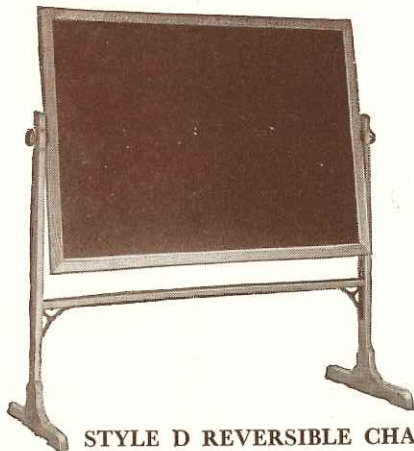
CHALK TROUGH
ATTACHED



CHALK TROUGH END PIECE



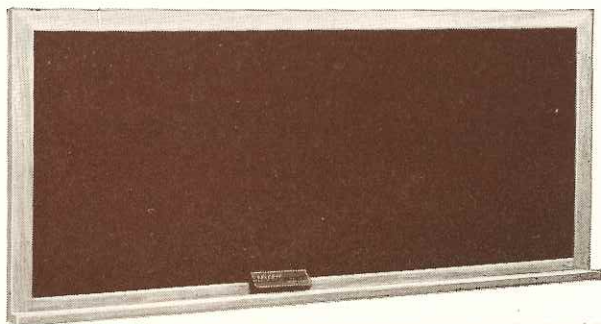
Portable Boards Make Any Room a Classroom



STYLE D REVERSIBLE CHALKBOARDS

Use for lectures, demonstrations, instruction, planning, announcements, sales meetings, charts, illustrations, and wherever group teaching is carried on. Easily moved for most effective use. Two surfaces give double the writing surface in half the space. Instantly reversed and locked in place by hand screws at sides. Grooved chalk rail and metal corner braces. Chalkboard is genuine Slatoplate with velvety black or green writing surface. Mitered corner frame and standards of selected oak. Beautifully finished in natural oak lacquer.

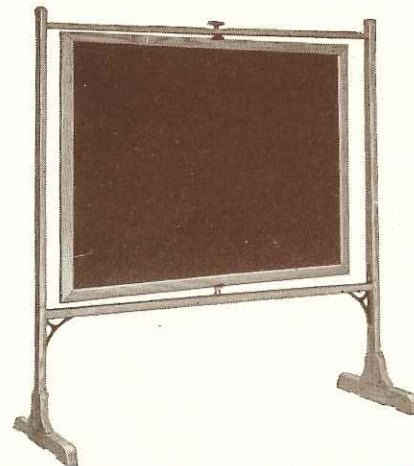
No.	Size	Weight	Price
D1.....	3 x 4 ft.	80 lbs.	\$31.25
D2.....	3 x 4½ ft.	90 lbs.	32.95
D3.....	3½ x 4½ ft.	95 lbs.	33.95
D3½.....	3½ x 5 ft.	100 lbs.	36.25
D4.....	4 x 6 ft.	110 lbs.	41.25



STYLE B FRAMED PORTABLE CHALKBOARD

Use for demonstrations, instruction, planning, sales meetings, and other group teaching. Convert any room into a classroom. Easily hung with wall brackets furnished. Chalkboard is genuine Slatoplate with velvety black or green writing surface. Sturdy frame and chalk trough finished in natural oak lacquer. Measurements are sizes of chalkboard surfaces. Add 3 inches to length and height for overall dimensions. Complete with hangers.

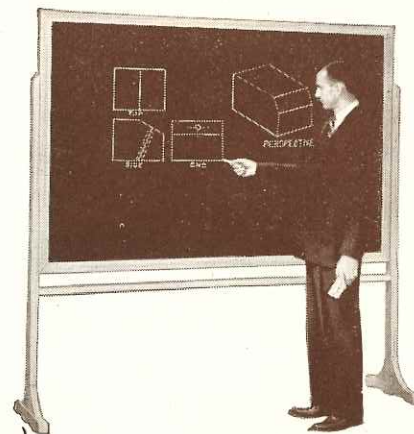
No.	Size	Weight	Price
B1.....	3 x 5 ft.	40 lbs.	\$14.00
B2.....	3 x 6 ft.	50 lbs.	15.90
B3.....	3 x 7 ft.	60 lbs.	17.85
B4.....	3 x 8 ft.	70 lbs.	20.60
B5.....	3 x 9 ft.	80 lbs.	21.35
B6.....	3 x 10 ft.	90 lbs.	22.05
B7.....	3 x 11 ft.	100 lbs.	23.85
B8.....	3 x 12 ft.	105 lbs.	26.65
B9.....	3½ x 5 ft.	50 lbs.	15.65
B10.....	3½ x 6 ft.	60 lbs.	16.90
B11.....	3½ x 7 ft.	70 lbs.	19.70
B12.....	3½ x 8 ft.	80 lbs.	22.50
B13.....	3½ x 9 ft.	90 lbs.	24.00
B14.....	3½ x 10 ft.	100 lbs.	25.50
B15.....	3½ x 11 ft.	110 lbs.	28.20
B16.....	3½ x 12 ft.	115 lbs.	30.95
B17.....	4 x 5 ft.	60 lbs.	16.50
B18.....	4 x 6 ft.	70 lbs.	18.75
B19.....	4 x 7 ft.	80 lbs.	21.25
B20.....	4 x 8 ft.	90 lbs.	23.50
B21.....	4 x 9 ft.	100 lbs.	25.50
B22.....	4 x 10 ft.	110 lbs.	27.25
B23.....	4 x 11 ft.	120 lbs.	30.00
B24.....	4 x 12 ft.	130 lbs.	32.95



STYLE F REVOLVING CHALKBOARD

Use for examinations, instruction, lectures, planning, announcements, sales meetings, charts, and wherever group teaching is carried on. Easily moved for most effective use. Two sides give double the writing surface in half the space. The board revolves horizontally and is locked in position by a hand screw at the top. Chalkboard is genuine Slatoplate with velvety black or lightgreen writing surface. Mitered corners and metal leg braces. Standards of selected oak finished in natural oak lacquer.

No.	Size	Weight	Price
F11.....	3 x 4 ft.	85 lbs.	\$34.95
F12.....	3 x 5 ft.	95 lbs.	36.75
F13.....	3½ x 4 ft.	100 lbs.	36.50
F14.....	3½ x 5 ft.	110 lbs.	39.00
F15.....	4 x 6 ft.	120 lbs.	43.75



STYLE M FLOOR STAND CHALKBOARD

Use for lectures, demonstrations, instruction, planning, sales meetings, charts, illustrations, and wherever group teaching is carried on. Also made with corkboard one side, chalkboard on other. Sturdy frame with mitered corners and grooved chalk trough. Chalkboard is genuine Slatoplate with velvety black or green writing surface. Frame and standards of selected oak. Beautifully finished in natural oak lacquer.

CHALKBOARD ONE SIDE

No.	Size	Weight	Price
M1.....	3 x 4 ft.	70 lbs.	\$29.95
M2.....	3 x 5 ft.	80 lbs.	32.25
M3.....	3½ x 5 ft.	85 lbs.	33.90
M4.....	4 x 6 ft.	100 lbs.	37.95
M6.....	4 x 8 ft.	125 lbs.	42.75

CHALKBOARD ON ONE SIDE; CORK ON OTHER

No.	Size	Weight	Price
MC1.....	3 x 4 ft.	70 lbs.	\$41.15
MC2.....	3 x 5 ft.	80 lbs.	44.10
MC3.....	3½ x 5 ft.	85 lbs.	46.50
MC4.....	4 x 6 ft.	100 lbs.	54.40
MC6.....	4 x 8 ft.	125 lbs.	65.00

Portable Black Boards and Easels



STYLE T PORTABLE CHALKBOARD

An excellent chalkboard for use in the school, kindergarten, and playroom or wherever a small portable chalkboard is needed. Easily placed on an easel or hung on the wall. Chalkboard is genuine Slatoplate with velvety black or Lite-green writing surface. Grooved chalk trough and brackets for hanging. Frame is finished in natural oak lacquer.

Sizes and Prices of Style T Chalkboards

No.	Size	Weight	Price
T20	15 x 21 in.	7 lbs.	\$2.70
T24	18 x 24 in.	8 lbs.	3.05
T30	21 x 30 in.	10 lbs.	3.45
T32	24 x 36 in.	12 lbs.	4.50
T36	30 x 36 in.	14 lbs.	6.35
T48	36 x 48 in.	18 lbs.	8.10

STYLE K EASEL CHALKBOARD

For lectures, group instruction, Sunday School, art classes, sales meetings, athletic events, announcements, home economics, church activities, drafting classes, and many other uses where a light easel board can be set up and moved about with a minimum of time and effort is needed. Locks into rigid position when opened. Folds compactly. Chalkboard is genuine Slatoplate with velvety black or green writing surface. Sturdy mitered-corner frame with grooved chalk trough. All wood parts are hardwood, finished in natural oak lacquer.



No.	Size	Height	Weight	Price
K10.....	18 x 24 in.	49 in.	20 lbs.	\$ 6.95
K11.....	21 x 30 in.	52 in.	30 lbs.	8.50
K12.....	24 x 36 in.	55 in.	33 lbs.	11.25
K13.....	36 x 48 in.	67 in.	40 lbs.	14.50

STYLE G CHALKBOARD

WITH TWO WRITING SURFACES

The Style G is made with a writing surface on both sides which gives it utility beyond that of a single surface board. It can be used on an easel, stood on a counter, or hung on the wall. Chalkboard is genuine Slatoplate with velvety black or new Lite-green writing surface. The frame is finished in natural oak lacquer.

Sizes and Prices of Style G Chalkboards

No.	Size	Weight	Price
G2.....	2 x 3 ft.	20 lbs.	\$ 7.45
G3.....	3 x 4 ft.	30 lbs.	12.75
G4.....	3 x 4½ ft.	35 lbs.	14.25
G6.....	3½ x 5 ft.	45 lbs.	17.50
G7.....	4 x 6 ft.	60 lbs.	22.25

Easels

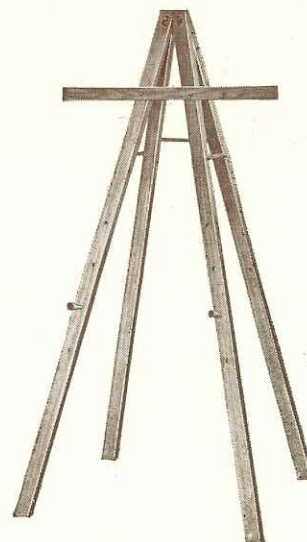
The Best Portable Supports For Chalkboards, Drawing Boards and Sketch Pads



No. 14—SIMPLEX FOLDING EASEL

For use with boards up to 2 x 3 ft. Quickly set up or folded and moved about. Adjustable pegs adapt easel to varied sizes of boards, pads, posters, notices, etc. Legs lock automatically when opened. Feet spread 18 inches at floor. Height 4 feet.

No. 14.—Simplex Easel. Wt. 12 lbs. Price \$6.95

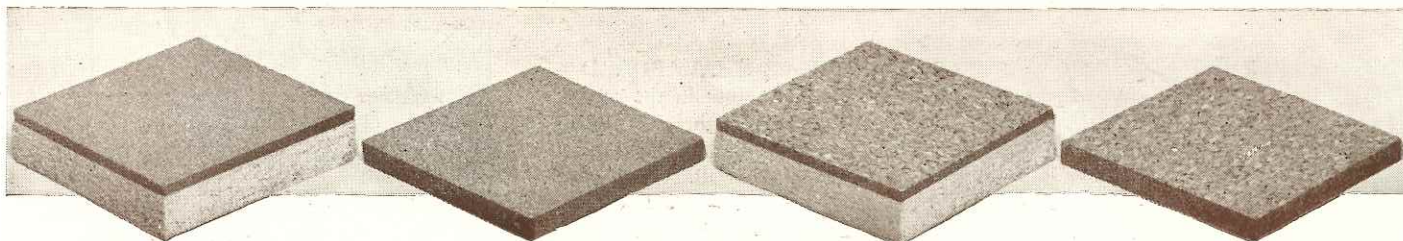


No. 15—PEERLESS FOLDING EASEL

For use with boards up to 3 x 5 ft. Quickly set up in tripod fashion and folded compactly when not in use. Adjustable pegs adapt it to varied sizes of boards, pads, posters, etc. Legs lock automatically when opened. Feet spread 36 inches at floor. Height 6 ft.

No. 15—Peerless Easel. Wt. 18 lbs. Price \$8.95

Cork Boards-Bulletin Boards-Map Rail



Peerless

CORKBOARD WITH BACKING

Best quality compressed cork, $\frac{1}{8}$ -in. thick, mounted on $\frac{1}{2}$ -in. fiber backing, making $\frac{5}{8}$ -in. overall thickness. Available in widths up to four feet, and lengths up to twelve feet. May be fastened to studding or grounds. Wt. 1-lb. per sq. ft.

Price per square foot	
1 to 99 square feet.....	\$0.75
100 to 199 square feet.....	.72
200 square feet or more.....	.70

Simplex

CORKBOARD WITHOUT BACKING

Better quality compressed cork, $\frac{1}{4}$ -in. thick. Polished surface. Simplex corkboard is suited for smooth, evenly finished walls to which it is permanently fastened by cork cement or glue. Available any width up to five feet, and any length up to twenty feet. Wt. $\frac{1}{2}$ -lb. per sq. ft.

Price per square foot	
1 to 99 square feet.....	\$0.75
100 to 199 square feet.....	.72
200 square feet or more.....	.70

Challenger

CORKBOARD WITH BACKING

Good quality compressed cork, $\frac{1}{8}$ -in. thick, mounted on $\frac{1}{2}$ -in. fiber backing. Suitable for all tacking and posting requirements. In widths up to three feet, and lengths up to 12 feet. Fastens to studding or grounds. Wt. 1-lb. per sq. ft.

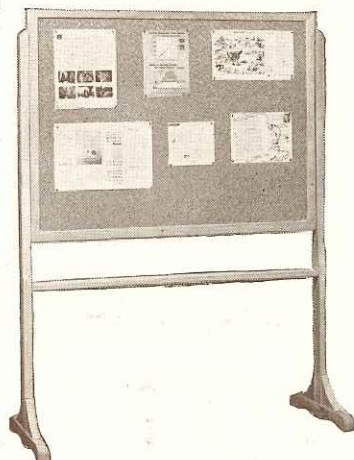
Price per square foot	
1 to 99 square feet.....	\$0.60
100 to 199 square feet.....	.57
200 square feet or more.....	.55

Defiance

CORKBOARD WITHOUT BACKING

Good quality compressed cork, $\frac{1}{4}$ -in. thick, without backing. For all posting and tacking. Install on smooth, evenly finished walls and fasten with cork cement or glue. In widths up to three feet; lengths up to 12 feet. Wt. $\frac{1}{2}$ -lb. per sq. ft.

Price per square foot	
1 to 99 square feet.....	\$0.60
100 to 199 square feet.....	.57
200 square feet or more.....	.55



PEERLESS HIGH-STAND BULLETIN BOARD

Put your messages out in front on a high-stand bulletin board. Can be placed anywhere, in any position, quickly and easily. Frame and stand are selected oak, finished natural. Tacking surface is Peerless cork which seals punctures immediately upon removal of tacks and pins. Made with cork tacking surface on one or both sides. Measurements given are sizes of corkboard surfaces.

Size	Weight
3 x 4 ft.	70 lbs.
3 x 5 ft.	80 lbs.
3½ x 5 ft.	85 lbs.
4 x 6 ft.	100 lbs.

CORK ONE SIDE		CORK BOTH SIDES	
No.	Price	No.	Price
C10.	\$33.95	C210.	\$43.50
C20.	35.95	C220.	46.95
C30.	37.95	C230.	49.50
C40.	44.95	C240.	64.50

CORKOLA WOOD FRAME BULLETIN BOARD

Ready-to-hang wherever you need it. For classrooms, offices, libraries. Tacking surface is cork, mounted on a substantial built-up backing. Strong wood frame finished in natural oak lacquer. Complete with hangers.

No.	Size	Weight	Price
0.	12 x 18 in.	5 lbs.	\$ 3.95
01.	12 x 24 in.	6 lbs.	4.25
02.	12 x 30 in.	7 lbs.	4.75
03.	12 x 36 in.	8 lbs.	5.25
04.	18 x 24 in.	8 lbs.	5.25
05.	18 x 30 in.	9 lbs.	5.75
06.	18 x 36 in.	11 lbs.	6.25
07.	18 x 48 in.	15 lbs.	7.25
08.	24 x 36 in.	14 lbs.	7.25
09.	36 x 48 in.	30 lbs.	12.50
010.	36 x 60 in.	37 lbs.	16.50



PEERLESS MAP AND BULLETIN RAIL

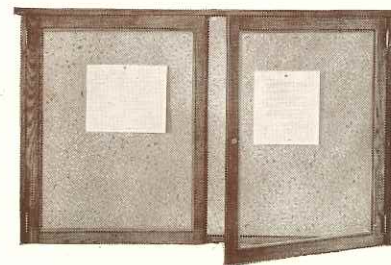
Hang Displays Without Damaging Walls

New, patented hooks can be inserted at any point without use of slots. Hooks will support displays up to 75 pounds. Cork insert $\frac{3}{4}$ in. wide by $\frac{1}{4}$ in. thick is used like a bulletin board to tack displays. Peerless map rail is formed of 16-gauge cold-rolled steel with bronze finish. Overall width 1¼ in. Lengths are 6 to 10 ft., inclusive.

No. 10. WITHOUT CORK INSERT		Without Hooks	With 1 Hook Every 3 Feet
1 to 99 ft., per ft.		\$0.27	\$0.31
100 to 499 ft., per ft.		.25	.29
500 ft. and over, per ft.		.23	.27
No. 11. WITH CORK INSERT			
1 to 99 ft., per ft.		\$0.35	\$0.39
100 to 499 ft., per ft.		.32	.36
500 ft. and over, per ft.		.29	.33



No. 100



No. 200

GLASS ENCLOSED BULLETIN BOARDS

These cabinet style bulleting boards keep your notices and displays free from dust and mischievous hands, behind glass, and under lock and key. Cabinet-built for sturdiness and appearance. Tacking surface is natural cork on laminated wood fiber board. Double-strength glass securely fitted in the doors. All wood parts are solid oak finished school brown. Complete with hangers.

No. 100. Single door bulletin board, 24 x 30 in., Wt. 45 lbs.....	\$25.00
No. 200. Double door bulletin board, 48 x 30 in., Wt. 80 lbs.....	37.50

THE Endur SYSTEM

All the Paint Products necessary for interior decoration of modern, brightness-balanced classrooms.



FOR WALLS, CEILINGS
WOODWORK, DADOES
FLOORS and CHALKBOARDS

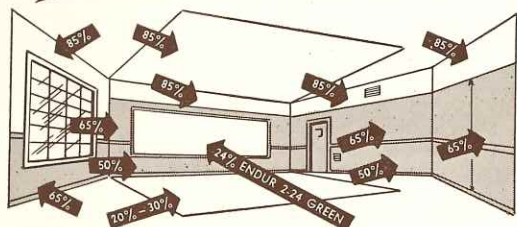
Endur System Products assure correct light reflectance values and brightness contrasts within the 3:1 helios ratio range.

Combined with modern seating and lighting, and applied as recommended on the Endur System Color Chart, they assure proper brightness-balance according to modern scientific standards.

Endur "500" SERIES

WALL, CEILING, WOODWORK AND DADO PAINT

The reflectance value is on the label



Emulsified rubber base paint in pastel colors having proper light reflectance values when used as indicated on Endur System Color Chart. **self-priming** — one coat seals, primes and finishes . . . **self-levelling** — dries smooth without brush or lap marks . . . **odor-free** — no disagreeable "paint smell" . . . **quick drying** — dries in 20 minutes . . . **one coat covering** — single coat covers almost any surface (two coats may be needed on some types of new work) . . . **washable** — retains proper light reflectance value despite repeated washings. 14 pastel colors and white. Gallon covers about 400-500 square feet. Material cost — approximately 1¢ per square foot.

Endur "300" SERIES

NON-SLIP* FLOOR PAINT FOR WOOD OR CONCRETE

A durable, attractive floor finish. Special rubber base resists chemicals in concrete — water, wear, oils, greases, acids, alkalis, etc. Ideal for shower and locker rooms, lunch-rooms, hall and stairways.

particles of silicon carbide ("carborundum") and aluminum oxide which are uniformly suspended throughout the paint by a special process. They help bond paint to the surface and provide virtually slip proof floors. Gallon covers about 500-600 square feet. — Material cost approximately 2¢ per sq. foot.



*Endur "300" Series paint contains minute

Endur "200" SERIES GREEN

CHALKBOARD RESURFACER



For old, worn slate or composition chalkboards — completely new, smooth, durable surfaces in scientifically approved green on which it is easy to write clearly and erase cleanly. Applied by regular school personnel with brush or spray gun.

Available in standard Endur 2-24 Green or

special Endur 2-20 Green (a darker green with slightly lower reflectance value for use where maximum contrast between board and chalk is required). Gallon covers about 250 square feet — Material cost of only 3¢ per square foot. Ask about Endur Chalkboards for new school construction.

No. 2-24 GREEN ENDUR RESURFACER (In Stock).....\$9.30 Per Gal.

Write for literature, complete explanation of the ENDUR SYSTEM and ENDUR SYSTEM COLOR CHART giving available colors, scientifically approved uses and reflectance values.



A.

B.

(A) Patented, one-piece casing sewed through three thicknesses of felt.

(B) Shows how inner erasing felts are held firmly together under natural tension of the rounded back.

A Dozen More in Every Four

NEVERIP

Triple Sewed Chalkboard Erasers

With 25% more felt in each eraser—four dozen Neverips wear as long as five dozen ordinary erasers. You get A DOZEN MORE IN EVERY FOUR!

- * UNBREAKABLE BACK REINFORCED WITH CANVAS
- * EXCLUSIVE ONE-PIECE CASING
- * TRIPLE-SEWED IN THREE DIRECTIONS
- * ONLY HIGHEST QUALITY FELT IS USED

Your best buy for longer-wearing chalkboard erasers is Neverip. Actual measurements show that Neverip erasers are $\frac{1}{4}$ in. wider and from $\frac{1}{8}$ to $\frac{3}{8}$ -in. deeper than ordinary erasers. Feel the handling ease as you grasp the full, rounded back; note the brushlike action of the erasing felts as you clean the chalkboard. See them erase chalk marks with an ease and efficiency that cannot be expected from ordinary erasers. When you balance the longer life and greater utility of Neverip erasers against their just-a-little more original cost, you will find that in addition to cleaning chalkboards better, they actually save money by wearing longer.

Neverip Made in Three Lengths, Two Depths

Neverip erasers are extra large, $2\frac{1}{4}$ inches wide and $1\frac{3}{8}$ or $1\frac{5}{8}$ inches deep. Packed one dozen to the carton.

Regular, $1\frac{3}{8}$ Inches Deep

No. 52. Neverip eraser, 5 inches long. Wt. per dozen, 2 lbs.

Price Per Dozen, \$3.85; Gross, \$42.30

ECONOMY-PRICED



Noiseless Eraser

The most popular type of noiseless eraser, the Rival is made of special long-fibre gray felt that wears longer and erases better. Rival features the non-breakable back, all wool felt, double-locked stitch and long-life economy. Non-smear erasing is assured by special construction of Rival, with no glue or wood to scratch or injure chalkboard surfaces.

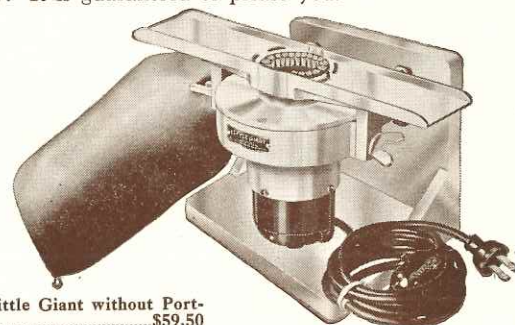
	Price Per Doz.	Price Per Gross
No. 7—5 in. long, 2 in. wide, $1\frac{1}{4}$ in. deep.....	\$3.15	\$34.75
Weight per dozen, $1\frac{3}{8}$ lbs.		

The New Improved

Little Giant

Portable Electric Eraser Cleaner

The new improved Little Giant cleans erasers faster, better, and safeguards pupil's health. Little Giant prevents chalk-filled air through its double-action method of brush agitation and thorough vacuum cleaning. Your erasers, cleaned by the Little Giant, will pick up more chalk dust, keep chalkboards cleaner, and make chalk marks more easily seen. Order your Little Giant today! It is guaranteed to please you.

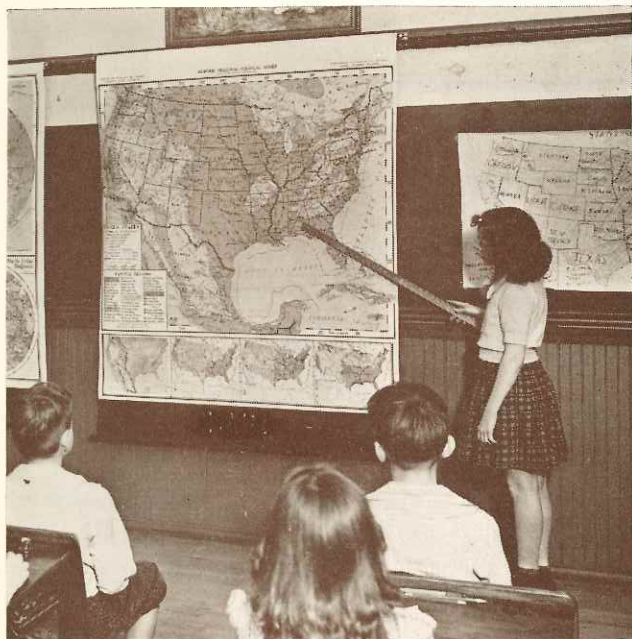


No. 3348C. Little Giant without Portable Stand\$59.50

No. 3348CP. Little Giant on Portable Stand, as illustrated\$61.50

NYSTROM Visual Aids

To LEARNING and TEACHING



U. S. Map ARI. In use in schools

ELEMENTARY SCHOOLS

Nystrom Maps are made to correlate with grade levels and specific courses of study. The following is a recommended selection and grade level distribution for the elementary schools.

FOR PRIMARY GRADES

22-inch Project Globe on Disc Base Stand.....\$51.00

FOR THIRD GRADE

Beginners 12-inch Globe. New Plastic Cradle, No. GB120.1.....\$19.75
Plain Stand, No. GB121.....18.95
Beginners U. S. Map. Large size and simple, No. WF1, Spring Roller.. 16.75
Beginners World Map. Large size and simple, No. F 98, Spring Roller.. 13.75

FOR FOURTH GRADE

Beginners 12-inch Globe. New Plastic Cradle No. GB120.1.....\$19.75
Plain Stand, No. GB121.....18.95
Beginners U. S. Map. Large size and simple, No. WF 1, Spring Roller.. 16.75
Beginners World Map. Large size and simple, No. F 98, Spring Roller.. 13.75

FOR FIFTH GRADE

Regional Political U. S. Map. No. AR 1, Spring Roller.....\$13.75
Regional Political N. A. Map. No. AR 5, Spring Roller.....13.75
Landform Globe. No. GP 120.1, New Plastic Cradle.....19.75
No. GP 121, Plain Stand.....18.75
Simple World Map. F 98, Spring Roller.....13.75

HISTORY MAPS:

1. Age of Discovery
 2. European Beginnings in America
 3. Spanish and French Explorers
 4. Expansion of American Nation
- Each Map on Spring Roller.....\$ 9.00

FOR SIXTH GRADE

Regional Political U. S. Map. No. AR 1, Spring Roller.....\$13.75
Regional Political N. A. Map. AR 5, Spring Roller.....13.75
Regional Political S. A. Map. No. AR 6, Spring Roller.....13.75
Simple World Map. No. F 98, Spring Roller.....13.75
Landform Globe. No. GP 120.1, New Plastic Cradle.....19.75
No. GP 121, Plain Stand.....18.75

HISTORY MAPS:

1. Age of Discovery
 2. European Beginnings in America
 3. Spanish and French Explorers
 4. Expansion of American Nation
- Each Map on Spring Roller.....\$ 9.00

JUNIOR HIGH SCHOOLS

Nystrom Maps graded and selected for the Junior High Schools

FOR SEVENTH GRADE

Regional Political Map of Europe. No. AR 2, Spring Roller.....\$13.75
Regional Political Map of Asia. No. AR 3, Spring Roller.....13.75
Regional Political Map of Africa. No. AR 4, Spring Roller.....13.75
Physical Political World Map. No. FP 98, Spring Roller.....13.75
Physical Political Globe. No. GP 120.1.....19.75

HISTORY MAPS:

1. Mediterranean World at 500 B.C.
 2. Roman World, Expansion
 3. Barbarian Invasion
 4. Age of Discovery
- Each Map on Spring Roller.....\$ 9.00

FOR EIGHTH GRADE

UNITED STATES HISTORY:

Set 14 Sanford Gordy History Maps, on Stand.....\$33.70
World Map. No. FP 98, Spring Roller.....13.75
U. S. Map No. AG 1, Spring Roller.....11.75

FOR NINTH GRADE

CIVICS:
Set 14 Democracy Charts on Stand.....\$25.00
FOR 7th, 8th, 9th GRADE SCIENCE:
Set 32 Davis Science Charts on Stand.....\$47.50
Set 22 Health Charts on Stand.....32.50

SENIOR HIGH SCHOOLS

FOR HISTORY DEPARTMENT:

Set 18 American History Maps on Stand.....\$40.90
Set 30 World History Maps on Stand.....62.50
Set Political Maps. AG 1—U. S., AG 2—Europe, AG 3—Asia,
AG 4—Africa, AG 5—N. A., AG 6—S. A., AG 98—World.
On Single Rollers, Each.....11.75

FOR SCIENCE

DEPARTMENT:

Set 32 Jurica Biology
Charts on Stand \$43.50

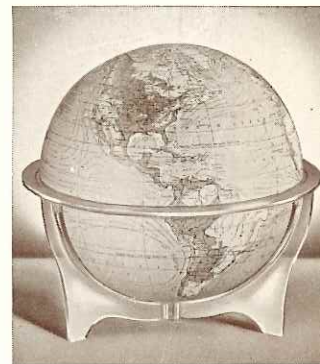
FOR MATHEMATICS

DEPARTMENT:

Set 24 Aiken Algebra
Charts on Stand \$43.50

FOR THE LIBRARY:

16-inch Floor Stand Globe,
No. GP 168\$49.50



GLOBE GPI20.1
New Plastic Cradle

FOR THE SCHOOL

It is recommended that these materials be kept in a central location and circulated throughout the school.

Set 22 Fishbein Health Charts on Stand.....\$32.50
Set 12 Safety Charts on Stand.....29.50
Wall Outline Map of U. S. and World on Slated Cloth,
No. RB 198, Spring Roller.....16.25
Desk Outline Maps for Pupil's Use:
Virginia, U. S., N. A., S. A., Europe, Asia, Africa, World.
Size 8 in. x 10½ in.—Single Map\$ 0.02
Package of 50 Maps 50
Size 10½ in. x 15 in.—Single Map 03
Package of 50 Maps 90

Write to see samples in your own school. Our trained representative will be delighted to give a demonstration.

QUALITY TEACHING AIDS

***How to Determine the Size
Electric Water Cooler You Need***

Classification of Service	People Served Per Gallon Per Hour	Type of Service	Proper Drinking Water Temp.
Office or School	1 GPH per 12 People —30—	Bubbler Cup	50 50
Manufacturer:			
Light	1 GPH per —7 — People	Bubbler	50
Heavy	1 GPH per —5 — People	Bubbler	55
*Hot Heavy	1 GPH per —4 — People	Bubbler	60
Restaurant	1 GPH per 10 — People		45
Hospital	1 GPH per 12 — People		50
Theatre	1 GPH per 100 — Seats		50
Hotel	1 GPH per 12 — Rooms		50
Hotel Lobby			
Retail Store	5 GPH per Bubbler		50
Office Bldg.			

Based on Commercial Standard CS127-45

*Hot Heavy applies to Steel Mills, Foundries, etc.

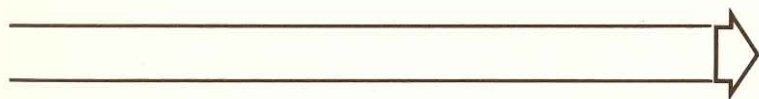
GPH—Gallons per Hour

Electric Water Coolers and Purifiers

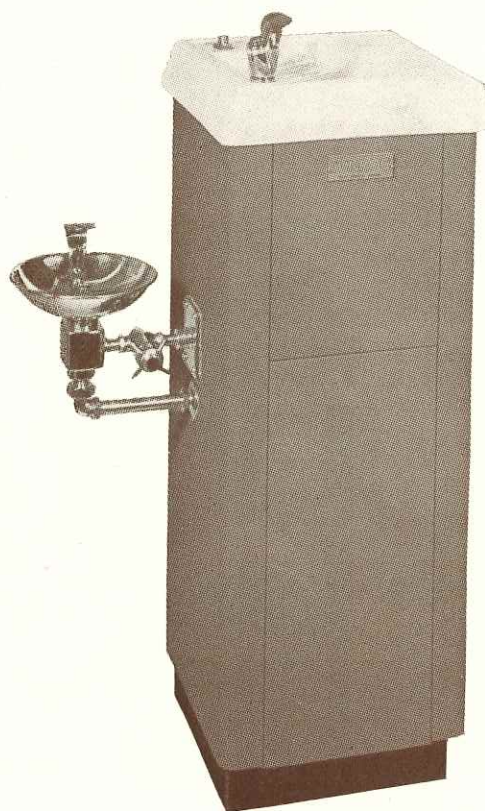
(SUNROC LINE)

Low Bubbler Attachment

Sunroc, realizing the vital importance of drinking-water to younger children, has developed this low bubbler attachment.



Many of the models hereinafter presented are so constructed as to accommodate this low bubbler attachment. Its use is ideal for elementary schools, nurseries, play areas, and children's hospitals.



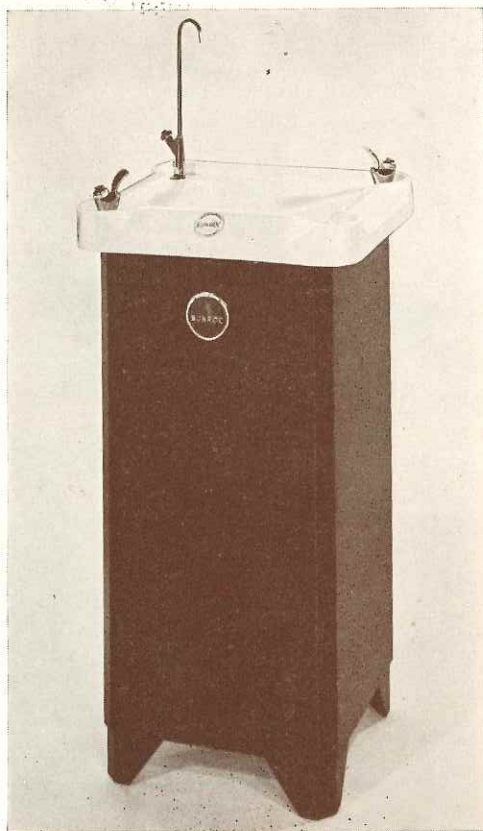
\$40.00 (Installed on Sunroc Coolers)

Approximate Shipping Weight, 10 Pounds

Electric Water Coolers and Purifiers

(SUNROC LINE)

Model NM4B



Where room temperatures run high both summer and winter and thirsts are correspondingly heavy, either in schools or on factory production floors, the Sunroc Model will do a real job. Its 30 gallon capacity per hour will satisfy the thirst of 250 students, or keep 250 workers content, and production levels high.

Conventional; forced air-cooled\$364.95

Conventional; forced water-cooled\$379.95

Approximate Shipping Weight, 370 Pounds

Electric Water Coolers and Purifiers

(SUNROC LINE)

Model Cafe

PATENT OFFICE

AUG 14 1951

DESIGN DIVISION



As the name implies, this Sunroc Cooler was designed to fill the specific requirements of providing a constant source of cool, clear, refreshing water in school cafeterias, small restaurants, tea rooms, and diners. Smartly and compactly styled, it takes little space but does a man-sized job. Glasses fill quickly, easily, at its chromium-plated push-back faucet.

Hermetic; water-cooled\$274.95

Approximate Shipping Weight, 160 Pounds

Electric Water Coolers and Purifiers

(SUNROC LINE)

Model US-7-B2



Where a bottle type cooler is required, you will find this Sunroc unit to be smart, modern and, above all, efficient. Its three gallon per hour capacity will provide an adequate supply of cool, refreshing water. Generous quantities of stainless steel are employed in the construction of this unit for protection against corrosion. For a modest investment, Model US-7-B2 gives a heavy return in water cooler satisfaction.

Hermetic; static air-cooled\$199.95

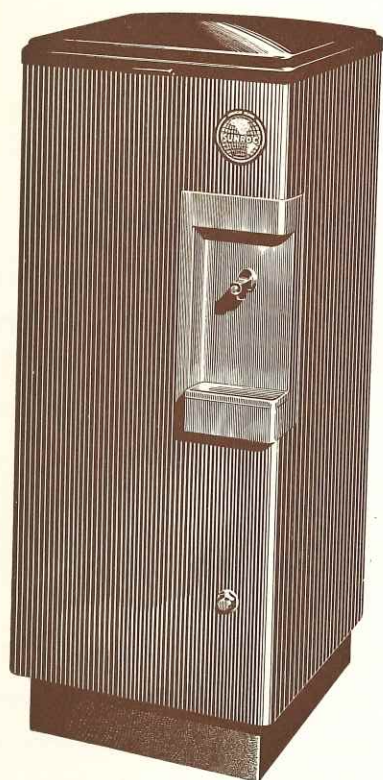
Hermetic; forced air-cooled\$209.95

Approximate Shipping Weight, 150 Pounds

Electric Water Coolers and Purifiers

(SUNROC LINE)

Model 26



Recently, Sunroc introduced the versatile Super-Cooler and set a new standard in water cooling equipment. This three-in-one unit represents the latest in modern design, and in addition to furnishing a generous supply of properly chilled water features also a stainless steel refrigerated compartment with three trays of easy-to-remove ice cubes. Because of the lift-top design, chilled air is not lost when the refrigerated compartment is used.

FOR SCHOOLS

The refrigerated storage space will hold 92 half-pint cartons of milk—a bubbler for drinking water can be installed.

FOR HOSPITALS

Cool water for drinking (for X-Ray baths and other process work). Safe refrigerated space for biologicals and other medicines that must be kept cool (and if you desire, for food and beverages).

Despite all these special features, you will find the cost of Model 26 surprisingly close to that of our standard models. As always, Sunroc gives "the best value for the money."



REFRIGERATED STORAGE SPACE



ICE CUBE COMPARTMENT



COOL DRINKING WATER

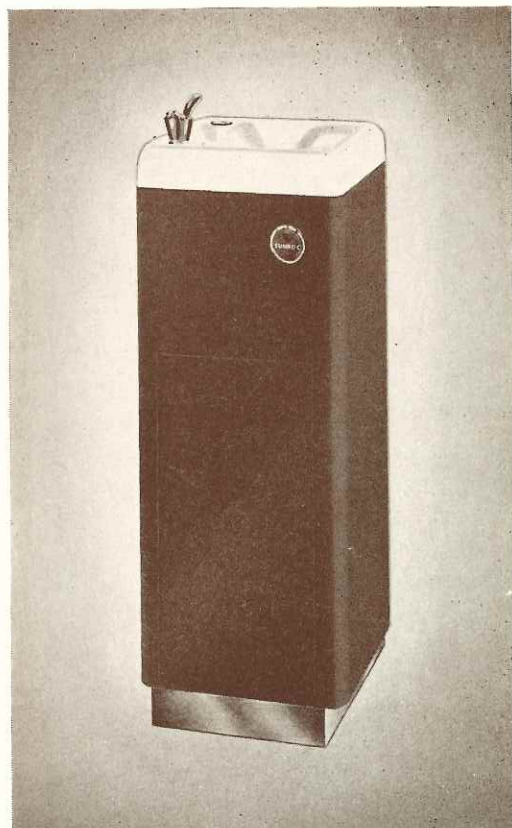
Hermetic; static air-cooled (gravity).....	\$282.50
Hermetic; static air-cooled (pressure).....	\$297.50

Approximate Shipping Weight, 165 Pounds

Electric Water Coolers and Purifiers

(SUNROC LINE)

Models NM1B, NM2B, NM3B



These three models constitute the most prominent group of Sunroc Water Coolers. Since all are similar in design, although they vary in size and gallon per hour capacity, we present them as a family. Your own requirements will determine the capacity best suited to satisfy your particular need.

You will find these models neat and compact, noiseless and trouble-free in operation, outstanding in performance, modernly styled, economical to operate, and top value for your dollar in every way.

Thousands of satisfied users throughout the length and breadth of the land offer testimony in the form of repeat orders to the widespread popularity of these models. Whether you have 25 or 150 persons to serve per hour, there is a capacity to handle your requirements.

MODEL NM1B

Hermetic; static air cooled\$199.95
Approximate Shipping Weight, 140 Pounds

MODEL NM2B

Hermetic; forced air-cooled\$224.95
Conventional; forced air-cooled\$239.95
Hermetic; water-cooled\$249.95
Approximate Shipping Weight, 145 Pounds

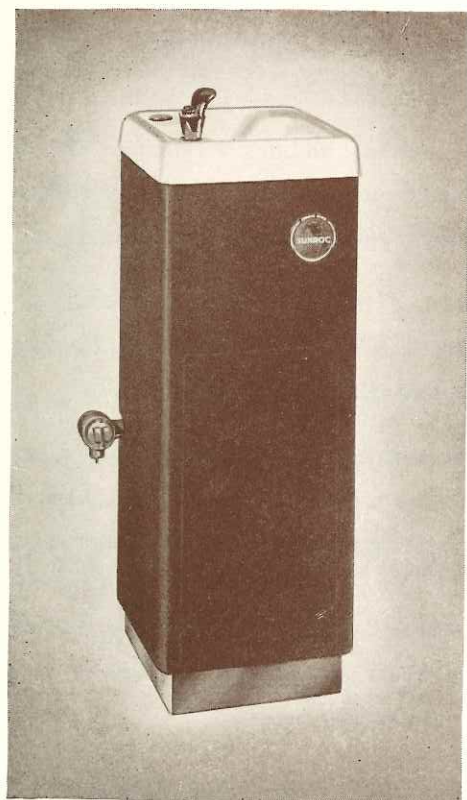
MODEL NM3B

Hermetic; forced air-cooled\$264.95
Hermetic; water cooled\$279.95
Approximate Shipping Weight, 145 Pounds

Electric Water Coolers and Purifiers

(SUNROC LINE)

Model Safe



An electric cooler that performs with perfect safety in all places where explosion hazard is a problem. Hermetically sealed throughout, this Sunroc model is explosion-proof even in atmospheres laden with gasoline, benzol, acetone or alcohol vapors; in gas plants, oil refineries or flour mills. SAFE is available with an air-cooled or water-cooled condenser. This model is also made for bottle type water supply.

Excellent protection against explosion hazards in school experimental labs, and in hospital operating rooms.

Hermetic; water-cooled\$349.95

Hermetic; static air-cooled\$349.95

Approximate Shipping Weight, 170 Pounds

Electric Water Coolers and Purifiers

(SUNROC LINE)

SF-5 Purifier



The Sunroc Laboratory has produced another outstanding product, the Model SF-5 SUNROC PURIFIER. This unit is an easy-to-replace, cartridge type Purifier.

In factories, offices and public buildings throughout the world the SUNROC PURIFIER has proven its ability to remove effectively from the drinking water, all odors, color and unpleasant taste.

The remarkable efficiency of this Purifier is the result of years of research in the development of a revolutionary new filtering medium called STERILIUM, another SUNROC EXCLUSIVE.

This Purifier can easily be attached to any pressure model water cooler in use today, or may even be used in the home. It is basically simple in design, consisting of a strong outer glass casing that contains the cartridge of STERILIUM. This cartridge is effective from three to six months, depending on the amount of water used. To replace the cartridge, simply remove the end cap, take out the used cartridge, install a new one, replace the end cap.

For cleaner and more palatable drinking water, equip your cooler with a SUNROC SF-5 PURIFIER.

\$75.00

Approximate Shipping Weight, 35 Pounds

NATCO 16 MM Sound Projector

... FOR ...

Schools — Churches — Theatres
Clubs — Sales Meetings — Industry

The only axial-flow cooling system.

No converters necessary, AC-DC 105-125 volt 50 or 60 cycles.

Up to 2,000 feet film capacity.

750-watt lamp (1,000 watts can be used).

2-inch F 1.6 coated lens.

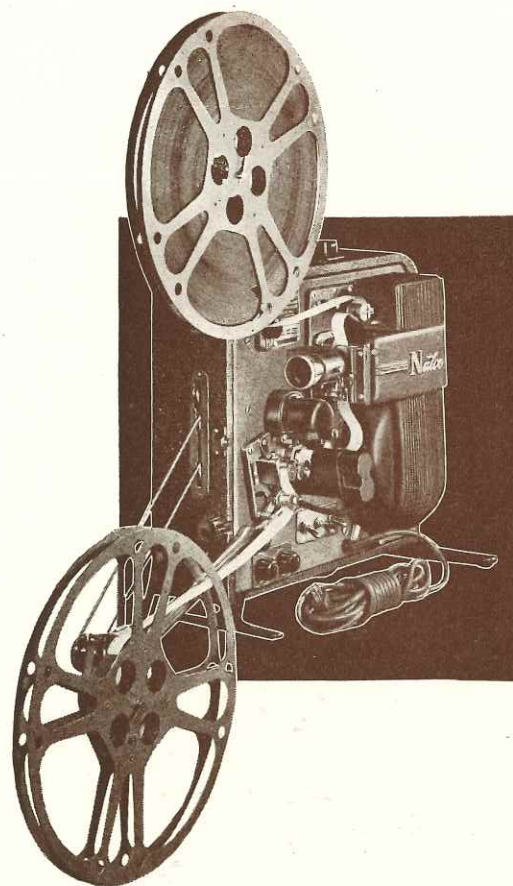
Frequency range from 30 to 10,000 cycles.

Projector only, with real arms, 28 pounds.

Total weight, 37 pounds (projector and speaker in one case).

Underwriters Laboratories Approved

Price \$298.50



NATCO BOOSTER AMPLIFIER

The Natco Booster Amplifier contains a twelve-inch speaker and a 20-watt amplifier, especially designed to give large auditorium coverage. The Microphone Amplifier contains two inputs, one for microphone and one for turntable with built-in control. This permits fading from sound track to mike or phonograph; easily installed, no wires to connect. May be used in conjunction with silent or sound pictures or as a public address system.

Price\$88.00

Stage Equipment

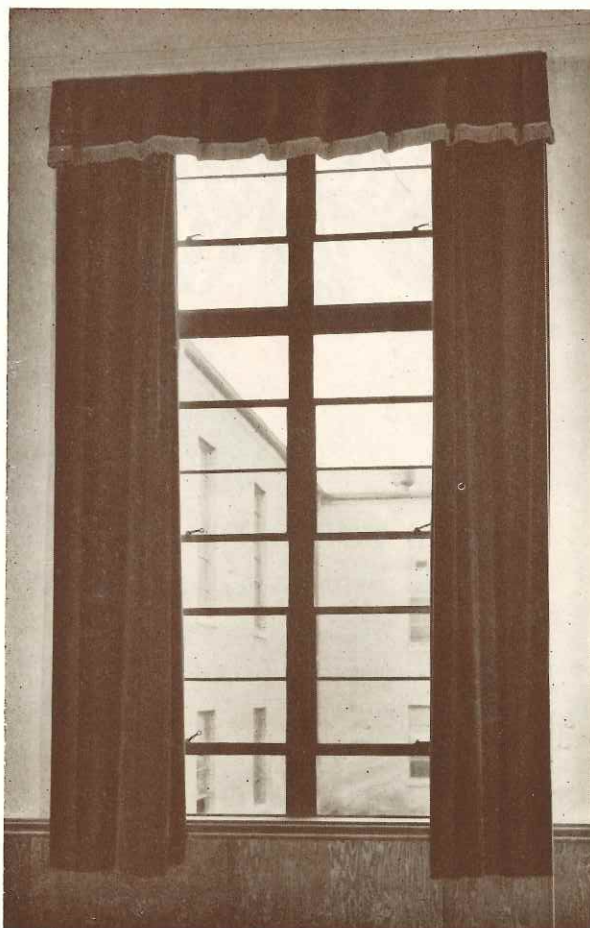


*Installation at Lakeside Elementary School,
Henrico County, Virginia, by FLOWERS.*

A Complete Line of Stage Equipment

The above illustration, a complete installation by The Flowers School Equipment Company, shows the front curtain, cyclorama, valance and sky borders of a typical auditorium stage. We are equipped to furnish complete fittings for every type of stage. Custom made curtains, operating devices and machinery must be made for individual buildings. Our representatives are available for consultation and assistance in the outfitting of your auditorium stage and will be pleased to quote you on your individual needs.

Auditorium Window Draperies



*Installation at Lakeside Elementary School,
Henrico County, Virginia, by FLOWERS.*

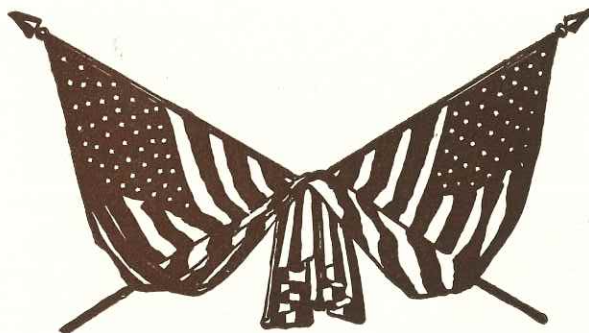
TO BEAUTIFY YOUR AUDITORIUM

Completing the picture for your auditorium are blending window draperies. Installation of matching draperies set off stage curtains and lend a harmonious touch to the entire room. Custom made, of the same material used in stage curtains, window draperies may be used to accent your new stage fittings or may complement the stage curtains. The illustration shown, a window from the auditorium at Lakeside Elementary School, installed by The

Flowers School Equipment Company, shows the value and beauty of matching draperies in the school auditorium. In addition, draperies soften glare and modulate light tone in large assembly spaces.

Draperies are custom made. Our representatives will assist you in determining requirements, recommending and quoting on your individual needs.

Bulldog Flags



FLAGS FOR OUTDOOR USE

Dyed With Everlasting Colors

25% Stronger Than
Government Requirements



Flag Size	Price Each
2 ft. x 3 ft.	\$ 2.90
3 ft. x 5 ft.	5.72
4 ft. x 6 ft.	7.80
4½ ft. x 5½ ft.	8.30
5 ft. x 8 ft.	11.30

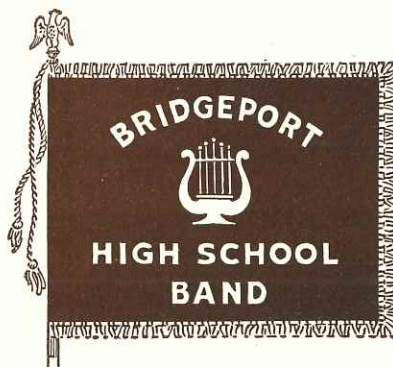


SPECIAL FLAGS

FOR BANDS, CLUBS, CHURCHES,
ORGANIZATIONS, ETC.

In Varying Styles and Sizes

Prices upon request.



RAYON FLAGS

For Indoor Use

No. 450-R

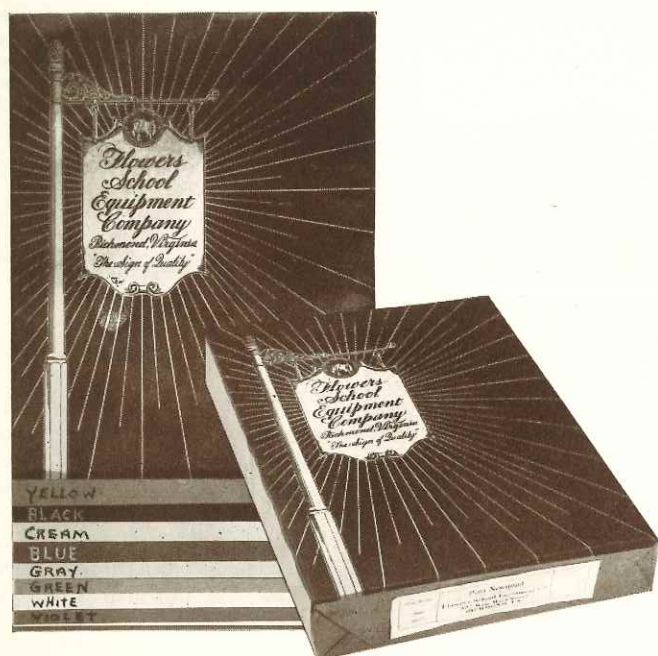
3 ft. x 5 ft. RAYON U. S. FLAG

*Price complete
as shown*

Plain
\$60.50

Fringed
\$63.20

Art Papers



CONSTRUCTION PAPER

Unruled Newsprint is a practice paper, light in texture and used for crayons, powder paint, pencils, water colors, temperas, etc.

Packed 500 Sheets to Package

Size 9 x 12 inches, per package.....	\$.75
Size 12 x 18 inches, per package.....	1.45
Size 24 x 36 inches, per package.....	5.65

Zaner Ruled Newsprint is a practice paper, same texture as unruled newsprint, but is ruled instead of plain. Particularly recommended for Kindergarten and Primary use.

Packed 500 Sheets to Package

Size 8½ x 11 inches, per package.....	\$.65
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Tagboard—100 or 125 pound basis. Used for making charts, framing and as background. Materials that can be used on tagboard are crayons, water colors, temperas and other art materials requiring slick surface.

Size 24 x 36 inches, per sheet.....	\$.06
Size 24 x 36 inches, per ream, 500 sheets.....	\$19.50

Alphatone Paper, recommended for use with Char-Kole, chalks, crayons, frescol, etc. Rough surface and cream in color.

Size Roll 36 inches by 100 yards
when available

Construction Paper is used for color chart making, interior decorating, designing, poster and art work. It has a rough texture and can be purchased in solid color packages or assorted color packages—50 sheets to package.

Construction Paper, 50 Sheets Per Package, Priced Per Color

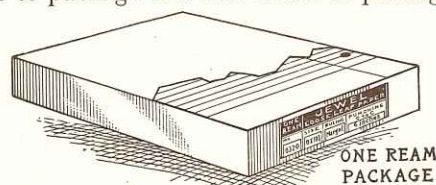
	9 x 12 Per Pkg.	12 x 18 Per Pkg.
Assorted	\$.40	\$.80
Black	.40	.80
Red	.42	.84
Blue	.36	.72
Brown	.36	.72
Gray	.36	.72
Emerald Green	.36	.72
Dark Green	.36	.72
Orange	.36	.72
Violet	.36	.72
White	.36	.72
Yellow	.36	.72

The Price Below Is on Orders of \$10.00 or More

	9 x 12 Per Pkg.	12 x 18 Per Pkg.
Assorted	\$.33	\$.67
Black	.33	.67
Red	.35	.70
Blue	.30	.60
Brown	.30	.60
Gray	.30	.60
Emerald Green	.30	.60
Green	.30	.60
Orange	.30	.60
Violet	.30	.60
White	.30	.60
Yellow	.30	.60

DRAWING PAPER

Cream Drawing Paper in medium weight and has a rough texture. For use with water colors, temperas, powder paint, crayons, chalks, pencils and other art materials. Packed 100 sheets to package and 500 sheets to package.



Manila Drawing Paper, 12 x 18 inches, 100 sheets,
per package \$.55

Manila Drawing Paper, 9 x 12 inches, 500 sheets,
per ream 1.30

White Drawing Paper, same as Cream Drawing Paper,
except that it is white.

Size 9 x 12 inches, 100 sheets, per package..... \$.40

Size 12 x 18 inches, 100 sheets, per package..... 1.15

Clayola — Paints — Paste

ARTISTA POWDER PAINT

*ARTISTA Powder Paint is odorless, easy to handle and economical, as small or large quantities may be prepared for use. When mixed with water, the paint may be kept without spoiling for a long time, thereby eliminating waste of time and material.

ARTISTA Powder Paint may be applied to paper, wood, composition board, cloth and clay products. It is the ideal medium for obtaining soft, velvety color effects in school art work, poster design, interior decoration, color sketches, easel work and for attractive scenic effects, or wherever great areas are to be covered with smooth opaque color.

ARTISTA Powder Paint 1 Lb. Package

The one-pound package has a handy spout in top for convenience in pouring. Made in 20 colors as follows:

Red, Red Orange, Orange, Yellow Orange, Yellow, Yellow Green, Green, Blue Green, Blue, Blue Violet, Violet, Red Violet, Dark Green, Turquoise Blue, Magenta, Flesh, Brown, Black, White, Gray.

Per lb. 90c
Extending White, per lb. 60c

1-23 Pkgs.	24-143 Pkgs.	144-287 Pkgs.
Per Pkg.	Per Pkg.	Per Pkg.

ARTISTA Powder Paint, 1 lb. package....	\$.83	\$.75	\$.67
ARTISTA Powder Paint, 1 lb. package, Extending White	.58	.53	.47

CLAYOLA MODELING CLAY

*CLAYOLA Modeling Material is made in ¼ pound pieces, 4 ⅞ inches long by 1 inch square. Each piece is wrapped in transparent paper, 4 pieces in each box—in either solid or assorted colors, as follows: Red, Blue, Yellow, White, Green, Brown, Terra Cotta, Clay Color, Gray Green.

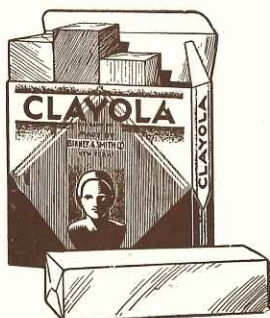
No. 200—Four ¼ pound pieces, solid color. Per lb. 60c

No. 205—One pound piece, one color. Per lb. 60c

No. 206—Four ¼ pound pieces, assorted, Red, Yellow, Blue, Green, Per lb. 60c

No. 207—Four ¼ pound pieces, assorted, Terra Cotta, Clay Color, Gray Green, White. Per lb. 60c

No. 255—5 pound brick. Per 5 lb. brick \$2.50



CLAYOLA

In Soft Rich Colors

Red	Yellow	Blue
Green	White	Brown
Terra Cotta	Gray Green	Clay Color

FIRMA-GRIP PASTE

FIRMA-GRIP PASTE is a popular paste for school use where budgets must be kept down. It spreads smoothly, sticks tightly, is clear and safe. It is ready for immediate use. Recommended for all school work and is efficient and economical. A good paste for any school work. Sometimes when top is left off paste for some time it gets dry and hard. Just add a little water and paste will be in original form.

FIRMA-GRIP PASTE

No. 161F—Pint size, per pint.....	\$.35
No. 321F—Quart size, per quart.....	.60
No. 101F—Gallon size, per gallon.....	2.00



SHAW FINGER-PAINT

The original SHAW FINGER-PAINT is a plastic paint of pure colors, creamy consistency and is absolutely harmless and stainless. No brushes are necessary as the painting is done with fingers, hands and arms. If you do not like the effect you get at first you can simply wipe it off with a damp cloth and start all over again.

Made in the following SIX COLORS only:

RED
YELLOW
GREEN
BLUE
BROWN
BLACK



No. 2 Set—Six ½ pint jars SHAW Finger-paint in the following assortment: One jar each, Red, Blue, Yellow, Green, Brown, Black. Twenty-four sheets of paper, six spatulas and instructions for use included. Per set \$5.00

No. 3 Set—Six ¼ pint jars SHAW Finger-Paint in the following assortment: One jar each, Red, Blue, Yellow, Green, Brown, Black. Twelve sheets of paper, six spatulas and instructions for use included in set. Per set \$3.00

	1-11 Jars	12-71 Jars	72-143 Jars
SHAW Finger-Paint, in bulk, ¼ pint.....	\$.40	\$.35	\$.30
SHAW Finger-Paint, in bulk, ½ pint.....	.60	.53	.45
SHAW Finger-Paint, in bulk, pint.....	1.20	1.05	.90

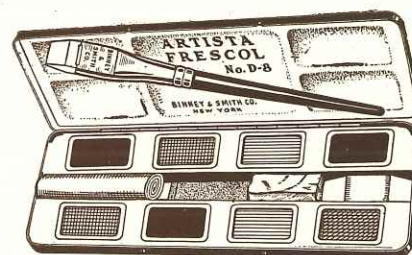
	1-5 Rolls or Pkg.	6-23 Rolls or Pkg.	24-71 Rolls or Pkg.
No. 2 Rolls SHAW Finger-Paint Paper, 16 x 22 in.....	\$.90	\$.79	\$.68

	Pkg.	Pkg.	Pkg.
No. 3 Rolls SHAW Finger-Paint Paper, 16 x 22 in.....	.50	.44	.38

No. 1 Package SHAW Finger-Paint Paper, 16 x 22 in., 100 sheets to package.....	\$3.30	\$2.89	\$2.48
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ARTISTA FRESCOL COMPACT COLORS

*Frescol is recommended for use in all grades of school art teaching. This unique painting medium invites creative work, increases judgment and makes pupils think through the problem. The new medium and new technique add greatly to the graphic vocabulary of the pupil and result in unusual work.

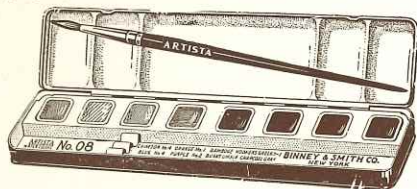


No. D-8 FRESCOL—Eight colors in small oblong pans: red, light yellow, burnt sienna, peacock blue, ultramarine blue, magenta, black, white. One felt tip brush with extra felt refill; eraser, sand paper and felt pad, in an attractive box. Per box \$1.75

Water Colors — Show Card Colors — Brushes

*ARTISTA WATER COLORS

These true balanced colors are famous for their qualities of strength and brilliance as well as transparency and excellent mixing properties. The colors have a smooth flow and will not penetrate the paper, nor will they become soft or sticky in damp weather.



No. 08

No. 08—Eight half pans of semi-moist paint; No. 7, Camel hair brush. Colors: Primary Red, Orange No. 5, Primary Yellow, Green No. 7, Primary Blue, Violet No. 5, Burnt Umber No. 3, Black No. 2. Per Box with Brush, 60c

BRUSHES

CAMEL HAIR BRUSHES are used with water colors, short handle with tin ferrule.

No. 5—Camel Hair Brush, Per Doz.....	\$.90
No. 6—Camel Hair Brush, Per Doz.....	.95
No. 7—Camel Hair Brush, Per Doz.....	1.25
No. 8—Camel Hair Brush, Per Doz.....	1.45
No. 9—Camel Hair Brush, Per Doz.....	1.65

EASEL BRUSHES are used with Temperas or Show Card Colors and Powder Paint. These are long handle brushes with good bristles.

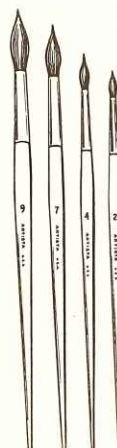
No. 1—Easel Brush, Per Doz.....	\$.95
No. 2—Easel Brush, Per Doz.....	1.05
No. 3—Easel Brush, Per Doz.....	1.25
No. 4—Easel Brush, Per Doz.....	1.65
No. 6—Easel Brush, Per Doz.....	2.35
No. 8—Easel Brush, Per Doz.....	4.00

The No. 1 Easel Brush is the smallest and the No. 8 is the largest brush.

ARTISTA WATER COLOR BRUSHES

The fine quality hair used in the "Artista" Water Color Brush is full of life and spring. This full tufted brush holds a point perfectly. Bristles are vibrated to shape and cemented in a high-grade, plated ferrule, resulting in a smooth, streamlined effect. The unique attractive brush has practical features. The plastic handle is flexible enough so that it may be used to stir paint without fear of breaking, and is stain-resistant; water colors wash off readily with water. Made in five sizes as follows: Nos. 2, 4, 7, 9 and 11. Packed 12 brushes in an envelope. Per Dozen Brushes: No. 2, \$1.80; No. 4, \$2.40; No. 7, \$3.00; No. 9, \$3.60; No. 11, \$4.80.

12 BRUSHES — Plastic Handle
Packed in an envelope



ARTISTA TEMPERA

This smooth, creamy, opaque water color insures success in school poster work and in the professional field of art. The colors intermix perfectly, giving every known hue, value and intensity of color and they dry with a luxuriant velvety finish so much desired in decorative design work.

PATENT OFFICE

AUG 14 1951

DESIGN DIVISION



2 oz. Jar

*ARTISTA Tempera Colors are used for posters, show cards, design work, costume drawings, interiors, box covers, greeting cards, and wherever strong decorative effects are desired. They can be used on wallboard, wood and metal and varnished for craft work. Tempera or poster color must be thoroughly mixed with a stick or old brush before using. It is put onto cardboard or poster board in even flat areas directly from the jar. If too thick, it can be thinned with a little water added by the brushful or with an eye dropper. Tempera is not shaded or used for naturalistic effects by the amateur. It should be used in simple combinations of three or four colors at the most. Each color area must be carefully outlined with pencil before putting the colors in each space. This gives striking poster effects.

ARTISTA Tempera Poster Colors are put up in glass jars with screw cap, in the following sizes:

2 oz. size, all colors, per jar.....	\$.30
Gold and silver, per jar.....	.45
8 oz. size, all colors, per jar.....	.80
Gold and Silver, per jar.....	1.30
16 oz. size, all colors, per jar.....	1.40
Gold and Silver, per jar.....	2.00
32 oz. size, all colors, per jar.....	2.50
Gold and Silver, per jar.....	3.85
Student size, all colors, per jar.....	.17



No. 116

Artista Tempera Color Range

Red	Emerald Green
Red Orange	Dark Green
Orange	Dark Blue
Yellow Orange	Turquoise Blue
Yellow	Magenta
Yellow Green	Lavender
Green	Light Brown
Blue Green	Brown
Blue	Black
Blue Violet	White
Violet	Gray
Red Violet	Gold
Dark Red	Silver

ARTISTA TEMPERA SETS

No. 100—ARTISTA Tempera Set—Twelve student size jars. Colors: Red, Orange, Yellow, Yellow Green, Green, Blue, Turquoise Blue, Violet, White, Black, Brown and Gray. Per Set.....\$2.40

No. 108—ARTISTA Tempera Set—Eight student size jars. Colors: Red, Orange, Yellow, Green, Blue, Violet, White and Black. Per Set\$1.80

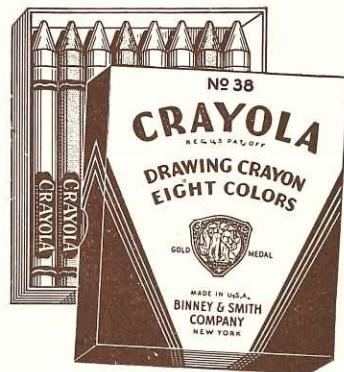
No. 105—ARTISTA Tempera Set—Six student size jars. Colors: Red, Yellow, Blue, Green, White and Black. Per Set.....\$1.50

No. 116—ARTISTA Tempera Set—Sixteen student size glass jars. Colors: Red, Red Orange, Orange, Yellow Orange, Yellow, Yellow Green, Green, Blue Green, Blue, Blue Violet, Violet, Red Violet, Magenta, Turquoise Blue, Black and White. Per Set.....\$3.20

Wax Crayons

CRAYOLA WAX CRAYON is used for all kinds of drawing, sketching and design work, as well as for crafts on wood, wallboard and fabrics. It is particularly adapted to lower grades for elementary drawing and design work.

4 in. x $\frac{7}{16}$ in.
LARGE SIZE CRAYON



No. 38

No. 38 Crayola—Eight over-size crayons, paper wrapped, in lift cardboard box. Colors: Red, Orange, Yellow, Green, Blue, Violet, Brown and Black.

$3\frac{5}{8}$ in. x $\frac{5}{16}$ in.
STANDARD SIZE



No. 16

No. 16—Sixteen crayola crayons, paper wrapped in tuck box. Red, Red Orange, Orange, Yellow, Yellow Orange, Green, Green Blue, Yellow Green, Blue Violet, Blue, Violet, Red Violet, Rose Pink, Brown, Black and White.

$3\frac{5}{8}$ in. x $\frac{5}{16}$ in.
STANDARD SIZE



No. 8

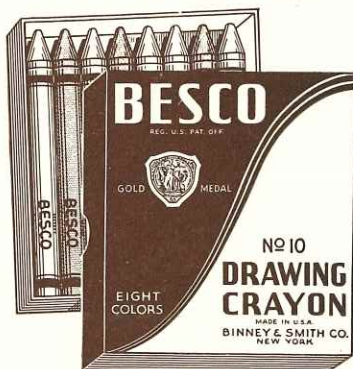
No. 8—Eight crayola crayons, paper wrapped in tuck box. Colors: Red, Orange, Yellow, Green, Blue, Violet, Brown and Black.

CRAYOLAS: WAX CRAYON

	Per Box	1-11 Doz. Per Doz.	12-59 Doz. Per Doz.	60 Doz. or Over Per Doz.
No. 16 Crayola, 16 assorted colors.....	\$.20	\$2.01	\$1.80	\$1.59
No. 8 Crayola, 8 assorted colors.....	.10	.99	.90	.81
No. 38 Crayola, 8 large, assorted colors....	.30	3.50	3.15	2.79

PERMA AND BESCO CRAYONS are pressed crayon unlike crayola in that they are not molded but are put under pressure and pressed into size and shape, giving permanence of color and strength. A special manufacturing process gives it firmness with a velvety texture, so that it is as well adapted for broad work as for fine detail. It never rubs.

4 in. x $\frac{7}{16}$ in.
LARGE SIZE CRAYON



No. 10

No. 10 Besco—Eight over-size pressed crayons, 4 in. x $\frac{7}{16}$ in., paper wrapped in lift-lid cardboard box. Colors: Red, Orange, Yellow, Green, Blue, Violet, Brown and Black.

$3\frac{1}{2}$ in. x $\frac{5}{16}$ in.
STANDARD SIZE CRAYON

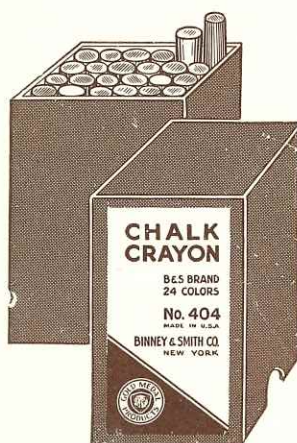


No. 93

No. 93 Perma—Eight pressed crayons in tuck cardboard box. Colors: Red, Orange, Yellow, Green, Blue, Violet, Brown and Black.

1-11 Doz.	12-59 Doz.	60 Doz. or Over
Per Doz.	Per Doz.	Per Doz.
\$1.50	\$1.35	\$1.20

Colored Chalk — Scissors — Pencils



COLORED CHALK

COLORED CHALK CRAYON—SCHOOL GRADE

Item No.	Item Description	How Packed	1-11	12-24	25-99
			Boxes Per Box	Boxes Per Box	Boxes Per Box
No. 404	Colored Chalk Crayons, 24 sticks....		\$1.00	\$.88	\$.75
No. 406	Colored Chalk Crayons, 12 sticks....		.45	.40	.34

Texcel Tape, No. ½ x 2592..... \$1.20 per roll

Texcel Tape, No. ½ x 1296..... .60 per roll

PENCILS



No. 379	Golf Pencils	\$1.80 per gross
No. 6370	Beginner's Pencil.....	\$.58 per doz.
No. 6275	Journal Pencil.....	.55 per doz.
No. 1145	Twilight Pencil	.30 per doz.
No. 482-2	Pencil	3.30 per gross
No. 482-2	¾ Pencil	5.50 per gross
No. 122	Anadel Pencil, Assorted Colors.....	5.50 per gross
No. 1940	Anadel Pencil, Red.....	.82 per box
No. 1950	Anadel Pencil, Blue.....	.70 per doz.
		.70 per doz.

SCISSORS



No. 241B	Double blunt end	\$1.35 doz.
No. 241S	Double sharp end	1.40 doz.

Chalks—Flexola Paint

ARTISTA FLEXOLA PAINT

A New Art Medium . . .

Easy to Use . . . Inexpensive . . . Effective

*ARTISTA FLEXOLA PAINT is a water-soluble paint with all the character of oil and none of its disadvantages!



ARTISTA FLEXOLA PAINT No. 1 Set—An attractively designed cardboard box containing ten 2-oz tubes in the following assortment.

Per Set \$5.00

Madder Lake	Black
Green Lake	Cobalt Blue
Yellow	Turquoise Blue
Burnt Sienna	Vermilion
White (two-oz. tubes)	

IN BULK—ARTISTA FLEXOLA PAINT is also furnished in bulk for refilling the No. 1 Set and for work requiring a quantity of a single color.

2-oz. tubes, White and Colors, put up in individual cardboard boxes; 12 boxes in a container.

Per Tube 50c

FLEXOLA PAINT is a distinctive, important new art medium in its own right. It is not a substitute for oil paint, though it may well be used by students and instructors as a short cut to acquiring the fundamentals of oil paint technique.

It has all the characteristics of oil paint—depth of tone, body, modeling quality. It is unlike oil in that it is inexpensive—easy to prepare—dries quickly—does not require extensive and expensive equipment—and its application is simple and direct. Other advantages of this new paint material over other methods are:

1. Great flexibility and ease of manipulation, producing a wide range of varied effects.
2. Colors blend rapidly on the palette.
3. Quick-drying, usually from 20 minutes to half an hour.
4. Colors do not change in drying.
5. Permanent and non-toxic, does not disintegrate by cracking or flaking.

HOW TO USE: It is not necessary to thin FLEXOLA PAINT. It can, however, be thinned with water. In applying this medium, a cheap bristle brush is as effective as sable. Brushes are quickly cleaned by dipping into a jar of cold water to which a very small amount of soap has been added.

Good results can be obtained on cheap drawing paper.

Better results are produced on casein-coated cardboard or artists' canvas. When canvas or linen is used, a ground coat must be applied. This can be ordinary white house paint, shellac or glue sizing. When rapid drying is desired, as in classroom work, shellac is more desirable. Finished pictures may be shellacked or varnished.

If by chance FLEXOLA PAINT is accidentally spilled on hands, clothing or furniture, it is easily removed with soap and water, and leaves no stain.

BLACKBOARD CRAYON



Grade 1 *B & S Brand—Strongest colors possible to incorporate in a chalk crayon.

No. 400—One gross sticks, 24 assorted colors, strikingly vivid colors in wooden box.

Per Box \$3.18

Grade 2 *UVA Brand—Intermediate Shades.

No. 600—144 sticks, 16 assorted colors in wooden box.

Per Box \$2.70

POS-TER-ART COLORED CHALK CRAYON

This crayon covers large areas quickly, economically and effectively. It is made in a wide range of strong colors and in tints 4 in. long and 1 in. in diameter. This crayon is especially recommended for large poster designs and for elaborate scenic effects in school plays. It may also be used for demonstrating the various steps in an art project on blackboard or paper, and for planning illustration lessons for the class in primary and upper grades.



No. 112—POS-TER-ART CRAYONS, 12 sticks, assorted colors.....	\$1.80	\$1.59	\$1.35
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No. 136—POS-TER-ART CRAYONS, 36 sticks, assorted colors.....	3.50	3.06	2.63
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AN-DU-SEPTIC Yellow Dustless Sightsaver Crayon

is recommended by sight saving authorities for pupils with defective vision. Non-poisonous, 144 sticks "special yellow" dustless crayons in cardboard box.

Per Case \$20.50

WHITE DUSTLESS BLACKBOARD CRAYON

*AN-DU-SEPTIC White Dustless Blackboard Crayon insures clear, white marks that erase easily and completely. 144 sticks in cardboard box.

Price \$18.50 Per Case

QUARTER GROSS PACKING—ANTI-DUST and AN-DU-SEPTIC are now put up in a quarter-gross packing. Enclosed in attractive cardboard container are four individual cardboard boxes of 36 sticks each, packed flat, no sawdust.

Price \$20.50 Per Case

TRU-COPY Duplicators and Supplies



TRU-COPY HEKTOGRAPH

Easy-to-use; anyone can operate it. Reproduces copies economically, quickly, accurately. Furnished with sturdy metal pan and cover. Simple, illustrated instructions for most efficient use. Copying surface may be used over and over again. When needed, the pan can be refilled with new composition and your Tru-Copy is as good as new again.

Price Complete with Ink and Sponge

No. 100. Note size, 6 x 10 in., Wt. 3 lbs.....\$2.15
No. 120. Letter size, 8½ x 11¼ in., Wt. 5 lbs..... 2.70
No. 130. Cap size, 8½ x 13 in., Wt. 6 lbs..... 3.25



TRU-COPY DUPLICATOR

Makes 75 to 100 clear, sharp copies from one pen and ink original. A number of pieces can be copied one after the other without stopping. The alternate use of the panels makes the composition last longer. Used surfaces are ready for copying again in 24 to 36 hours. Frames are seasoned birch, nicely finished in school brown lacquer.

Price Complete with Ink and Sponge

Two Surface	(Note Size)	Four Surface
No. 1. 5 lbs., 7 x 10 in.	\$4.25	No. 6. 8 lbs. \$6.45
No. 2. 6 lbs., 9 x 11½ in.	4.95	No. 7. 9 lbs. 7.45
No. 3. 7 lbs., 9 x 14 in.	5.45	No. 8. 11 lbs. 8.45

TRU-COPY ROLL FILM DUPLICATOR

Duplicates up to 100 copies of lesson assignments, seatwork, record forms, etc. Copies can be reproduced in colors on sheets from post card size to 8½ x 13 inches. Original copy is typed, written or drawn on master copy and transferred to the gelatin roll. No washing off of the old image required. Simply turn a fresh section into place and the machine is ready to use again. Used portions of the film should stand from 24 to 36 hours before re-using. Machine is sturdily built of steel with black crinkle finish. Vacuum feet hold machine firmly to desk or table. Furnished complete, ready to use, as listed below.

No. 1900. Duplicator with 7 ft. film, smoothing roller, ink, sponge, and simulated black leather cover. Wt. 23 lbs. Each\$22.55

No. 2200. Equipped as above, except has 15 ft. film. Wt. 25 lbs. Each.....\$24.95



EXTRA TRU-COPY DUPLICATOR ROLLS (8¾ in. roll on 8¾ in. spindle)

No. 2105. 15 ft. roll film. Weight 6 lbs. Each.....\$5.80
No. 1805. 7 ft. roll film. Weight 4 lbs. Each..... 3.40

GET BEST RESULTS WITH TRU-COPY SUPPLIES

Get the most from your duplicator by using these materials. Developed especially to work better in hektograph systems of reproduction.



Hektograph Ribbon—Violet. Name typewriter.....Ea. \$0.90; doz. \$9.00
Duplicator Ink—Violet, blue, green, red, black.....½-oz. bot. \$0.20; doz. \$2.25
Hektograph Pencils—Violet lead. No. 50.....Ea. \$0.10; doz. \$1.00
Hektograph Carbon Paper—Extra heavy violet. No. 893.....100 sheets \$3.95
Remover for Hektograph and Other Ink Stains. No. 35.....8-oz. can \$0.35
Hektograph Stamp Pad—2¾ x 4½ inches. No. H1.....Ea. \$0.30
Hektograph Stamp Pad Ink—Violet only.....¼-oz. bot. \$0.30



TRU-COPY HEKTOGRAPH COMPOSITION REFILL

Save extra money by refilling your old hektograph or duplicator with guaranteed TRU-COPY refill. For any make of gelatin hektograph or duplicator. It's the same high quality composition used in all TRU-COPY devices. Easy to use. Just heat and pour. Complete instructions on each can.

Refill Quantity Needed

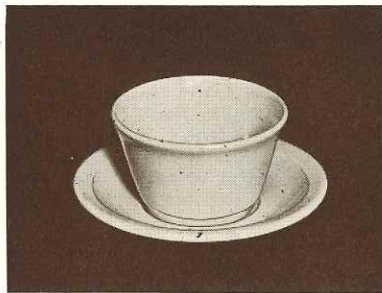
	Note	Letter	Cap	No. 21.	1 lb. Can.....	\$0.75
Hektograph Pan	1 lb.	2 lbs.	2½ lbs.	No. 22.	2½ lb. Can.....	1.75
2-Surface Frame	2 lbs.	2½ lbs.	3 lbs.	No. 23.	5 lb. Can.....	3.25
4-Surface Frame	4 lbs.	5 lbs.	6 lbs.	No. 24.	10 lb. Can.....	5.95

Heavy Duty DALLAS WARE

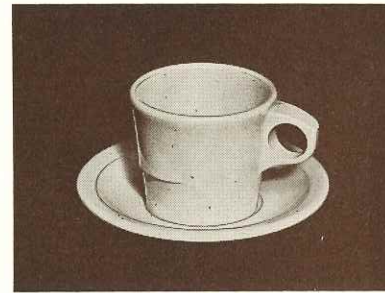
Molded of Melmac



C-76
STANDARD CUP
CS-77—Matching Saucer

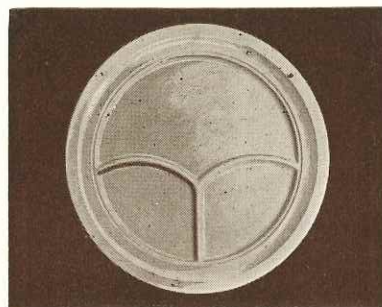


C-66
BOUILLON CUP
CS-41—Matching Saucer



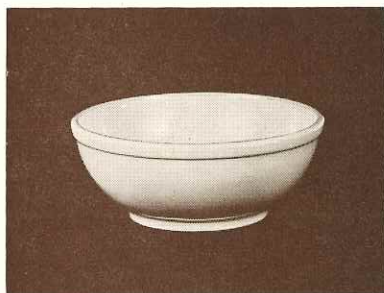
C-45
STACKING CUP
CS-41—Matching Saucer

Beauty—Durability—Lightweight
Holds breakage to a minimum
Reduces noise in handling
Hottest water does not harm
Soft pastel shades—Desert tan,
pastel blue, coral, white,
green and yellow

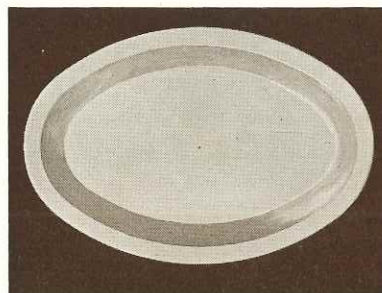


P-46
COMPARTMENT
GRILL PLATE

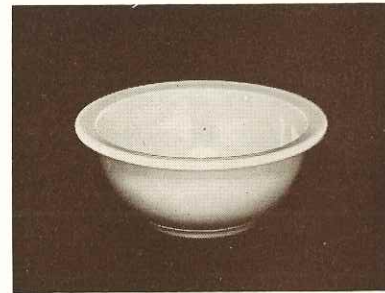
Ideal for
School Cafeterias
College Dining Rooms
Clubs, Hotels, Hospitals,
State Institutions,
Restaurants



B-79
SOUP BOWL (NAPPIE)



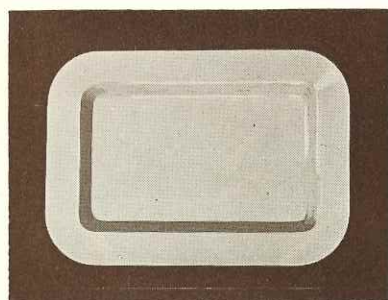
P-73
Oval Platter



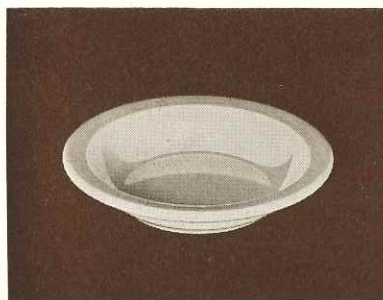
B-78
SOUP BOWL (NAPPIE)

Heavy Duty DALLAS WARE

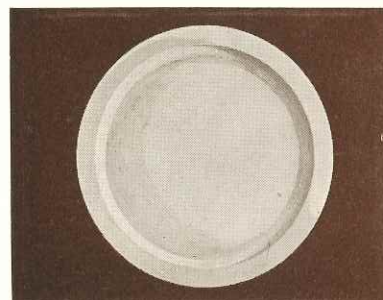
Molded of Melmac



P-70
Rectangular Platter



B-44
Salad Bowl



P-48
DINNER PLATE

Model No.	DESCRIPTION		Std. Pkg.	Approx. Ship. Wts.	PRICE Per Doz.	PRICE Per Doz. in Gross Lots
PLATES						
P-49	10¼"	Dinner Plate	4 Doz.	41 Lbs.	\$18.35	\$16.32
P-46	9¾"	Compartment Plate	3 Doz.	32 Lbs.	18.35	16.32
P-48	9"	Dinner Plate	4 Doz.	28 Lbs.	13.22	11.75
P-50	8"	Luncheon Plate	4 Doz.	22 Lbs.	11.05	9.75
P-42	7¼"	Salad Plate	4 Doz.	18 Lbs.	9.81	8.75
P-67	6½"	Pie Plate	4 Doz.	14 Lbs.	7.25	6.44
S-47	5⅝"	Bread and Butter	4 Doz.	12 Lbs.	5.03	4.47
136	10"	Compartment Plate 1½" Deep—Texas Ware	4 Doz.	25 Lbs.	11.65	
PLATTERS						
P-70	11½" x 8"	Rectangular	2 Doz.	22 Lbs.	19.90	17.85
P-73	10½" x 7"	Oval	2 Doz.	13 Lbs.	13.22	11.75
P-72	9½" x 6½"	Oval	2 Doz.	13 Lbs.	11.52	10.24
BOWLS						
B-75	14 oz.	Coupe	4 Doz.	21 Lbs.	9.90	8.80
B-78	14 oz.	Nappie	4 Doz.	16 Lbs.	8.95	7.96
B-79	16 oz.	Oatmeal Nappie	4 Doz.	17 Lbs.	9.78	8.70
B-44	10 oz.	Cereal	4 Doz.	15 Lbs.	7.60	6.76
C-66	8 oz.	Bouillon Cup	4 Doz.	10 Lbs.	6.65	5.70
S-43	4¾ oz.	Fruit or Vegetable	4 Doz.	10 Lbs.	4.86	4.32
CUPS						
C-45	6 2/3 oz.	"Stacking Type"	4 Doz.	12 Lbs.	7.65	6.75
C-76	7 oz.	Bowl Type	4 Doz.	13 Lbs.	7.65	6.75
SAUCERS						
CS-41	5⅝"	(For C-45 Cup)	4 Doz.	11 Lbs.	6.00	5.20
CS-77	6"	(For C-75 Cup)	4 Doz.	11 Lbs.	6.00	5.20

School Accessories

Model 139CP

The DETECTO Physicians Scale

Used by leading hospitals, doctors and the U. S. Army and Navy.

Accurate, Sturdy, Durable, Guaranteed.

These Special Features:
Registers every $\frac{1}{4}$ lb. up to 300 lbs. Beam balance construction, no springs . . . sensitive to the quarter pound.

Simple to operate . . . easy to read (die cast beam).

Sanitary rubber mat, easy to clean. Height rod designated with deeply etched figures and markings. Measures every $\frac{1}{4}$ " from 30" to 78". (Also in centimeters.) Available without measuring rod.

Fully guaranteed.

Weight Capacity: 300 lbs x $\frac{1}{4}$ lb. or 140 kilos x 100 grams, or kilos and libras combined.

Heights of Scale: 4'11".

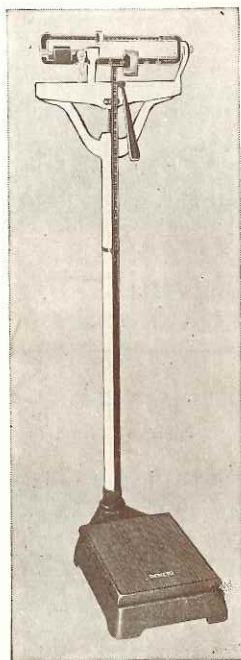
Platform Size: 10 $\frac{1}{2}$ " x 14 $\frac{1}{2}$ ".

Color: Oven-Baked White Enamel Finish

Base: Black Morocco.

Shipping Weight: 68 lbs. individually cartoned.

Price - - - \$50.00



Model 1019M

Famous DETECTO Health Scale

Suitable for Clinical and Home Use

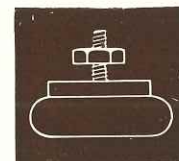
Weighs every pound accurately up to 300 lbs. Equipped with magnifying lens for easy reading. Smartly designed and durable. Fully guaranteed. Capacity: 300 lbs. x 1 lb., or 125 kilos x $\frac{1}{2}$ kilo. Dimensions: 9 $\frac{1}{4}$ " x 12 $\frac{1}{2}$ ". Color: White with chromium headpiece.

Shipping Weight: 9 $\frac{1}{2}$ " lbs. Individually cartoned.

Price - - - \$6.95

RUBBER CUSHION CHAIR GLIDES

These chair glides protect your floors. Regardless of how the chair is tipped, the glide stays flat on the floor.



Nail on Type
For Wood Legs

Screw on Type
For Steel Legs

Set of 4 24¢

30¢

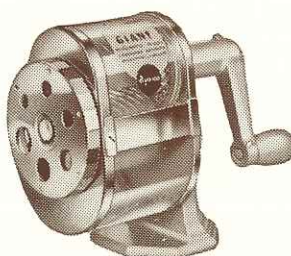
Pencil Sharpeners

CHICAGO



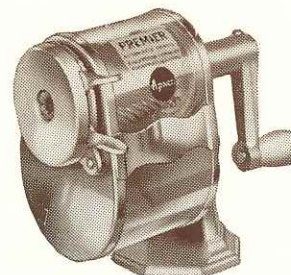
One of the best known of the Apsco line. Excels in performance and durability among the sharpeners of its kind on the market today. The base is composed of die cast zinc alloy, with nickel plated receptacle enclosed with transparent celluloid. Equipped with deeply undercut Apsco cutters and Pencil Stop. Will sharpen any standard size pencil.

GIANT



America's favorite pencil sharpener. Unsurpassed for economical and reliable all-around performance. Equipped with the famous Apsco solid steel cutters, Pencil Stop, and roomy transparent celluloid receptacle. Revolving steel Centering Disc designed to accommodate almost any pencil size. Nickel plated and highly polished receptacle sides.

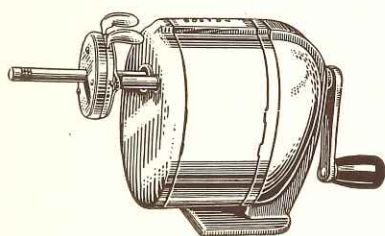
PREMIER



The outstanding Automatic Feed pencil sharpener of the Apsco line. Perfect operation is assured with this skillfully designed model. The streamlined handle, base and receptacle add new grace as well as strength to the Premier's construction. The ability to withstand hard usage and its adaptability to all pencil sizes makes the Premier well worth its cost.

THE NEW BOSTON PENCIL SHARPENERS

BOSTON Self Feeder No. 4



How it saves school pencil bills

This model has a device which feeds the pencils automatically and prevents careless or off center sharpening. It will get all the good from the school pencils you buy. Adjustable to various size pencils. It is easy to use and controls pencil sharpening in the classroom. 15 cutting edge twin milling cutters of hardened tool steel and all metal nickel plate receptacles are extra features.

Price - - - \$2.95

Are Designed for Greater School Utility

Streamlined for modern school use . . . Greater metal support extends utility in the classroom.

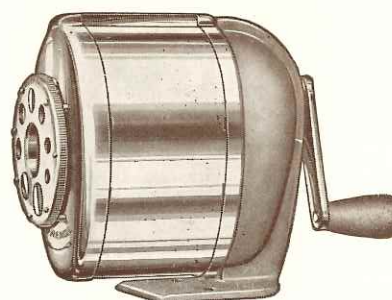
NOTE: The New Boston pedestal or stand. The rugged built-in strength of this important part. Compare the weight of the metal.

CUTTERS



Cutters that cut . . . never scrape. The deeply milled undercut on each blade gives the sharpening action of keen, heavy duty knives. As a result, you have a perfectly pointed pencil.

BOSTON Model KS



The all metal modern school pencil sharpener

Dial selector permits sharpening of 8 sizes of school pencils. BOSTON KS has twin milling 15 cutting edge BOSTON Speed Cutters made of hardened tool steel. Nickel plated all metal chip receptacles. Specify BOSTON KS for standard school use.

Price - - - \$1.95

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY

72
3

recd Aug 14, 1951

PORTA FLASH Safety Signal

the UNFAILING Reminder for thoughtless drivers . . .



THE PORTA - FLASH

- commands immediate obedience from motorists.

THE PORTA - FLASH

- is a unique warning to motorists that they are approaching a hazard.

THE PORTA - FLASH

- is portable, easily moved on large rubber tired wheels.
- is sturdily constructed from angle iron.
- is powered by a standard 6-volt battery.
- is equipped with two flashing amber lights.
- is weather-proof.
- is reasonably priced, an investment we owe our children.
- has a very low upkeep.
- sends its warning both forward and to the rear.
- can be seen from a long distance in any kind of weather.

THE PORTA - FLASH

- was devised for use at schools in the protection of school children from automobile accidents.

THE PORTA - FLASH

- has been tested, approved and recommended by Police, City Officials, and School Authorities.

Price per Set (2 units) \$193.50

(Including Battery Charger. Batteries Not Included.)

Shipping Weights Approx. 110 lbs.

Price Per Set (2 Units) \$193.50

Waste Receptacles, Baskets, Cans

PATENT OFFICE

AUG 14 1951

DESIGN DIVISION

Corrugated Steel Waste Basket



Strong, Fireproof — Holds small litter made of strong corrugated steel. False bottom makes it fireproof. All seams sealed.

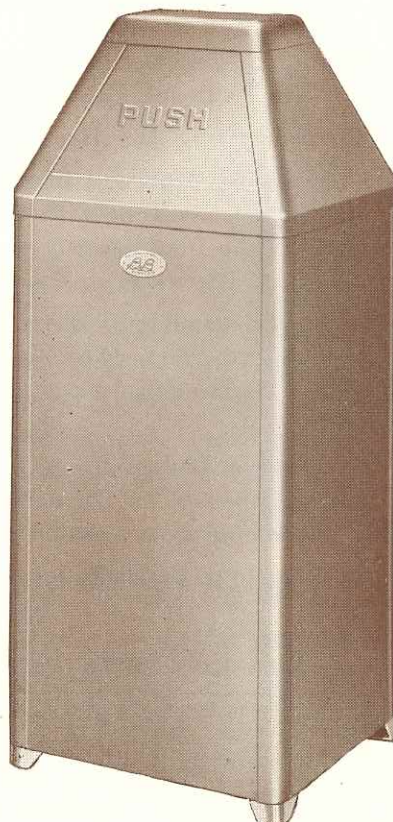
No. 117—14½" high, 13" wide at top.

Gray or Green

1.15 ea. \$12.75 doz.

Walnut or Oak

\$1.25 ea. \$13.75 doz.



Garbage Cans



Galvanized—Reinforced
Corrugated

26 gal. Can - - - \$4.25 ea.

32 gal. Can - - - \$9.85 ea.

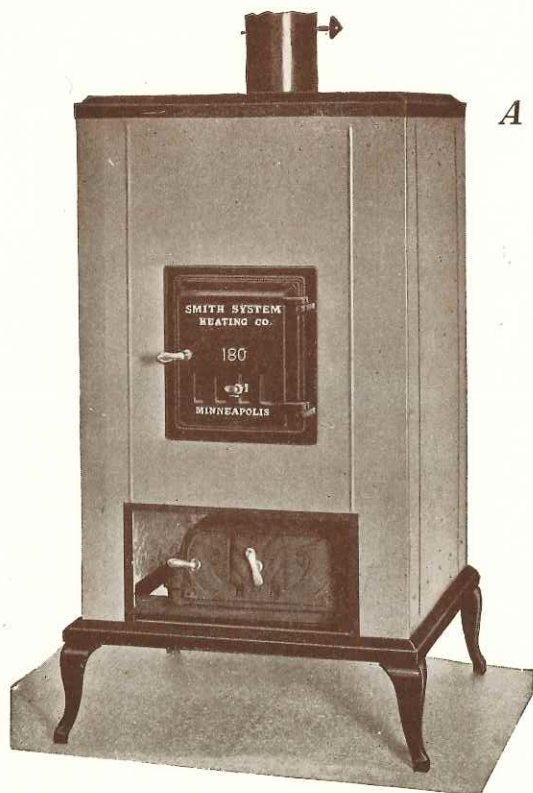
BENNETT WASTE RECEPTACLE SELF CLOSING WASTE RECEPTACLES

Catalogue Number	Size of Base	Body Height	Overall Height	Inner Containers Furnished As Standard	Baked Enamel Finish	
					Green Each	White Each
19-L	9" x 9"	4"	10"	Galvanized inner can and with 25 waxed paper bags	\$ 7.45	\$ 7.70
125	11½" x 11½"	19"	26"	25 Waxed Paper Bags	10.20	10.75
125-L	11½" x 11½"	19"	26"	1 Galvanized Inner Can	12.00	12.60
142	11½" x 11½"	34"	41"	1 Heavy Burlap Bag	11.05	11.95
142-L	11½" x 11½"	34"	41"	1 Galvanized Inner Can	14.80	15.80
*130 (Heavy)	16" x 16"	26"	36"	1 Heavy Burlap Bag	15.90	16.90
*130-L (Heavy)	16" x 16"	26"	36"	1 Galvanized Inner Can	19.90	20.90
*140 (Heavy)	16" x 16"	31"	41"	1 Heavy Inner Can	17.60	18.60
*140-L (Heavy)	22" x 22"	31"	41"	1 Galvanized Inner Can	22.30	23.30
*148 (Heavy)	22" x 22"	37"	49"	1 Heavy Burlap Bag	28.60	30.50
*148-L (Heavy)	22" x 22"	37"	49"	1 Galvanized Inner Can	38.00	39.90

*Equipped with Extra Heavy Stainless Steel Feet.

Write for Quantity Prices

ALL PRICES F.O.B. FACTORY



The Triumph

A Surpassing and Challenging Value in School Room Heaters A Scientific Heating and Ventilating System

Heats and Ventilates—Furnished either with Fresh Air Intake and Smith Foul Air Extractor, OR with Smith Window Draft Deflector.

Circulates Moist Air—Has large humidifying pan.

Cool Casing—The new insulation of the casing is a triumph in itself. Correct air circulating space between heater and casing. There is no contact between front panel of casing and the heater, always insuring a cool casing. Children can sit close to it comfortably.

Other Outstanding Features—Large fire pot—Extra heavy materials—Rigid construction—Note the heavy channel iron trusses supporting the heater—Burns either wood or coal economically—Equipment all guaranteed.

Color of Casing—Taupe brown enamel finish with trimming in darkest brown—Legs in the darker brown—Fire doors, Ash-Pit Doors, and trimming around ash-pit opening in jet black.

SMITH SYSTEM DUAL OIL BURNERS ALSO AVAILABLE

Write for Prices.

HEATING CAPACITIES AND DIMENSIONS SMITH SYSTEM TRIUMPH HEATER

Heating Number	180	20A
Heater Number	7,000	10,000
Diameter of Firepot	18 in.	20 in.
Diameter of Combustion Chamber	18 in.	20 in.
Casing Dimension	30 in. x 30 in.	32 in. x 32 in.
Height of Casing, Floor to Top	57½ in.	61½ in.
Height of Steel Body	25 in.	23¾ in.
Size of Smoke Pipe	7 in.	7 or 8 in.

A Drinking Fountain Made for Rural and Village Schools That Has the Hygienic Slant Stream

The Smith Fountain with the new Slant Stream Drinking Attachment meets the approval of sanitary engineers and health officials. In fact, it is built according to their specifications, with a slant stream bubbler which has an adequate mouth guard and a supply pipe and drain pipe absolutely independent of each other. Thus all possibility of contamination is eliminated, because the slant stream of water cannot fall back on the bubbling head. Also the drain water can never come in contact with the water in the supply pipe.

The stainless steel lining of the water container will never rust. A well insulated area around the water container keeps the water supply cool and fresh.

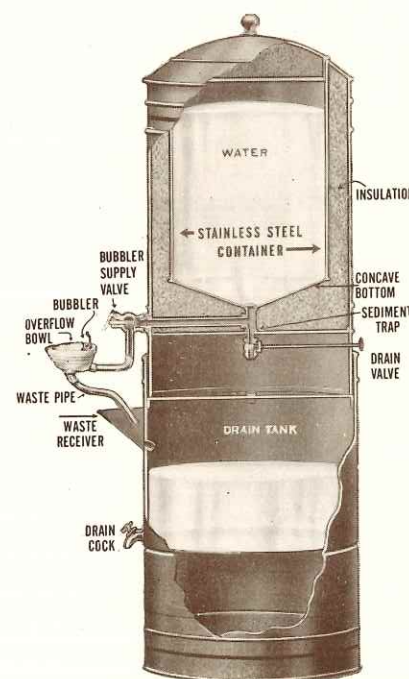
Study the cross section illustration which shows details of construction.

With a Smith Sanitary Drinking Fountain, drinking water is no longer a rural school problem.

No. 10 Price \$55.00

You Can't Afford to Be Without It !!!

Study This Sectional View and You Will See Why This Fountain Is Superior ➡



Fire Extinguishers

QUICK AID FIRE GUARD

1 QUART VAPORIZING LIQUID (C.T.C.) TYPE



America's great utility fire extinguisher because of its handy size and great effectiveness against flammable liquid, electrical, and small wood and paper fires. Available in polished, seamless brass or chrome. Patented Safety Phlare and panic-proof pumping action assure easy, precious time-saving operation of Quick Aid vaporizing liquid extinguisher.

85 HD QUICK AID FIRE GUARD.....\$10.45

Order of 12 or more, price delivered.

(Complete with Fluid and Bracket)

QUICK AID FIRE GUARD FLUID, quart can....\$ 1.15

QUICK AID

2½ GALLON FOAM TYPE EXTINGUISHER



Constructed of best cold rolled copper. Smothers flame with a blanket of foam. Provides swift, three-way action—smothering, cooling and insulation against re-ignition. Produces approximately 22 gallons of durable foam when inverted; has effective range of about 40 feet. Effective against flammable liquid, and wood and paper fires. Excellent for utility rooms.

F 833\$22.70

F 833 S—Steamboat Inspected 25.65

Order of 5 or more, price delivered.

(Complete with Charge)

EXTRA CHARGES, 2½ gallon FOAM.....\$ 1.25

2½-GALLON PUMP TANK WATER TYPE

Quickly controls wood, textiles, paper, and rubbish fires. Double acting pump—equipped with patented Safety Phlare—throws a steady stream up to 45 feet and is easily operated. Can be protected from freezing.



A704\$21.00

Order 6 or more, price delivered.

2½-gallon CHARGE NON-FREEZE.....\$ 1.40

2½-GALLON PRESSURE TYPE

Speed is the keynote of this Quick Aid. A strong stream, driven by chemical pressure, is released immediately extinguisher is inverted. Highly effective on wood, paper, textiles and similar materials. Excellent for placing in school corridors and refuse rooms.



SA303—2½-Gallon, each\$21.00

SODA ACID CHARGES OR REFILLS,

2½-gallon Extinguisher\$ 0.55

Dependable Locker Locks

RD-2 Rotodial



A strong durable lock for lockers, scientifically tested, eliminates pilferage, is foolproof, locks automatically disarranging all tumblers and dial.

Price.....\$0.95

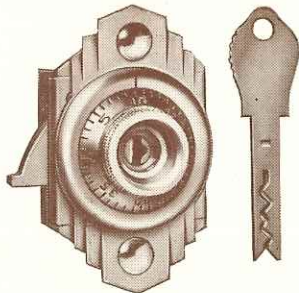
RP-5 Rotopoint



A sturdily constructed lock for lockers. Locks when shackle is pushed into the lock case, disarranging all tumblers.

Price.....\$0.85

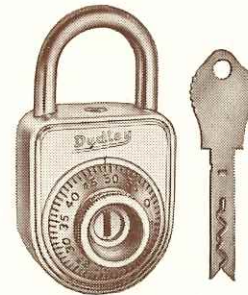
Dudley masterkeyed locks are made with exclusive Bell-type pin tumbler, pick-resistant cylinder. The famous Bell Key affords greater protection against duplication because it is not made on the commercial key making machine.



S-540

Masterkeyed combination lock for lockers with automatic latch release. Locks automatically disarranging tumblers and dial. Combination instantly changed with special reset key without removing any part of lock from locker.

Price.....\$2.35



P-570

Self-locking. Tumblers and dial disarranged on opening and dial moved to a new position. Masterkeyed alone or in the same series as other Dudley Masterkeyed locks.

Price.....\$1.95

Mats and Rubber Matting

ALL STEEL MATS

An ideal and economical floor covering. Galvanized to prevent rust, durable, reversible, and easily cleaned. Fits firmly to either wood or cement floors. Carried in the following sizes:



No. 1—Steel Mat, 18 x 30.....	\$2.00
No. 2—Steel Mat, 22 x 36.....	2.75
No. 3—Steel Mat, 30 x 48.....	4.70
No. 4—Steel Mat, 36 x 48.....	5.55
No. 5—Steel Mat, 36 x 60.....	6.95

PATENT OFFICE

AUG 14 1951

DESIGN DIVISION

COCOA BRUSH MATS

Our Cocoa Brush Mats are made from tough India hemp. The stiff bristle-like surface and durable construction make them the favorite of many customers. They are of double thickness, which denotes longevity in a mat.

No. 1—Cocoa Brush Mat, 14 x 24.....	\$2.05
No. 2—Cocoa Brush Mat, 18 x 30.....	2.75
No. 3—Cocoa Brush Mat, 22 x 36.....	4.60
No. 5—Cocoa Brush Mat, 30 x 48.....	7.75

FABRIX

Will outlast, outwear, and out-perform old style mats in every way, yet it costs no more. Made of material so tough that it will stand up under millions of miles of tramping feet, yet so resilient that it is a revelation in comfort.

CUSTOM BUILT TO ANY SIZE

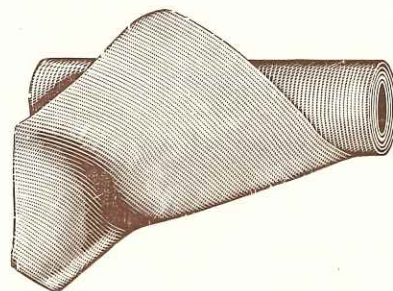
Made to order to fit any space. Every special size mat is custom built for the exact purpose for which it is intended.

STANDARD SIZES

No. 1—18 in. x 30 in.....	\$ 4.70
No. 2—24 in. x 36 in.....	7.50
No. 3—30 in. x 48 in.....	12.50
No. 4—36 in. x 48 in.....	15.00
No. 5—36 in. x 60 in.....	18.75

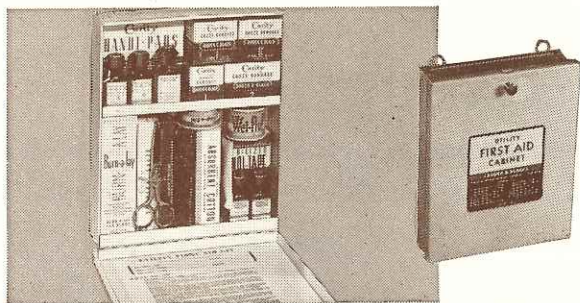
1/8 IN. CORRUGATED RUBBER MATTING

40 to 60 yards
per roll
20 to 30 yards
per 1/2 roll
Sold Only as Above



	Per Lineal Yard	
	Black	Maroon
No. 1—24 in. width	\$1.40	\$1.45
No. 2—36 in. width	2.10	2.25

First Aid Kits



UTILITY FIRST AID CABINET

Contains first aid material for the school, church or small office. Brackets for hanging on wall.

Price each.....\$6.50



SAFEGUARD FIRST AID CABINET

Especially adapted to schools, churches, offices and plants. Meets U. S. Department of Commerce requirements for passenger planes. Equipped with handle for carrying, and with wall hangers.

Price each.....\$10.50

NAME	SAFEGUARD	UTILITY
Gauze Bandages, 1 in. x 10 yds.	2	2
1½ in. x 10 yds. ....	....	1
2 in. x 10 yds.	2	1
3 in. x 10 yds.	1	....
Muslin Bandages, 2 in. x 5 yds.	1	....
3 in. x 5 yds. ....	....	....
Sterilized Surgical Gauze, 1 yd. x 36 in.	2	1
Curity Absorbent Cotton, U.S.P., ½ oz.	1	1
Wet-Pruf Adhesive, 1 in. x 5 yd. spool ....	....	....
½ in. x 5 yd. spool ....	....	1
1 in. x 2½ yd. spool	1	1
Handi-Tape, assorted sizes (Box)	1	1
2% Iodine Solution, bottle	1 oz.	½ oz.
Aromatic Spirits of Ammonia, bottle	1 oz.	½ oz.
4% Boric Acid Solution, bottle	1½ oz.	¾ oz.
Castor Oil, bottle	1 oz.	....
Petrolatum with 3% Sodium Bicarb., 3 oz. tube.	1	....
Gauze Pads, 3 in. x 3 in.	3	6
Burn-A-Lay ....	....	1¼ oz.
Triangular Bandages, 40 in.	1	....
Finger Cots ....	....	....
Tourniquet, U. S. Army Type. ....	....	....
B. & B. Type	1	....
Cotton Applicators	12	....
Tongue Depressors	6	....
Wooden Sprints, Large ....	....	....
Medium	1	....
Small	1	....
Graduated Medicine Glass	1	....
Medicine Dropper ....	....	....
Paper Drinking Cups ....	....	....
Scissors	1	1
Tweezers	1	....
First Aid Manual	1	....
Screw Hooks	2	2

Checkroom Equipment



**CHECKER No. 50
PORTABLE**

Standard Portable Checkroom Rack accommodates 50 coats and hats (hangers $2\frac{1}{2}$ in. on center), 5 ft. 2 in. long and 22 in. wide x 6 ft. $6\frac{1}{2}$ in. high. Durable constructed and properly braced to give lasting service in hardest use and handling.

Price \$69.90

THE OFFICE VALET

Here is a new, modern steel wardrobe that replaces the outmoded and usually unsightly crammed costumers or stuffy lockers.

The Office Valet is a neat, compact and sanitary fixture of exceptional convenience for six people. Rigid steel construction, 6 ft. 6 in. high with a triangular base 2 ft. 6 in. wide.

Unit consists of three ventilated shelves, individually divided for 6 hats; Hanger Bar underneath shelves with 6 wooden hangers, an umbrella rack and space for overshoes on shelves at base of rack.

Racks set on vacuum cup rubber shoes. The Office Valet is made in two sizes for six to twelve persons. It is beautifully finished in a choice of three colors — Walnut, Mahogany and Olive Green baked on enamel.

Single Unit for six persons—price.....\$21.15

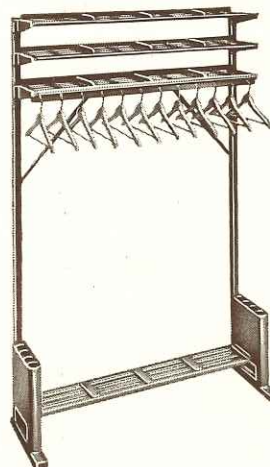


No. S-6

A NEW AND ADVANCED TYPE OF WARDROBE RACK

Note These Unique Features

1. Complete accommodations for 3 persons per square foot.
2. Individual Umbrella racks with removable drip pan.
3. Overshoe and Rubber Shelf.
4. Individual Hat Spaces.
5. Full-form hardwood Coat Hangers (removable or permanent).
6. Sanitary—Ends storing of food, old clothing, etc., in lockers.
7. Ventilated—All parts open to air and light. Damp clothing will not sour; dry quickly.
8. Visible—Discourages employee theft.
9. Goes anywhere—Any length in even feet.
10. Reclaims valuable space.
11. Smart, modern appearance—Finished in permanently beautiful enamel.



12. Lifetime construction—Light, rigid welded steel tubing.

No. 3U—4 ft. 2 in. long single row of coathangers....\$33.55

No. 2U—4 ft. 2 in. long double row of coathangers.... 63.35

No. 3 WALL RACK

For permanent installation coat and hat racks (checking or for employee wardrobe).

Come in lengths to fit. Used alone in narrow or close quarters, to allow greater aisle space. Ideal for schools, for they can be installed at heights to accommodate children. Any length by foot, minimum length 3 ft. 2 in. depth 12 in.

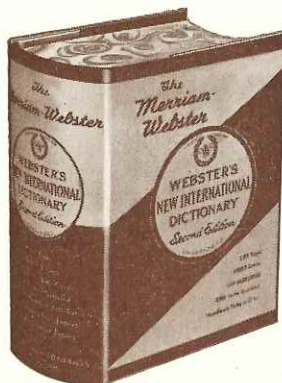


No. 3—4 ft. and longer—not numbered.....\$6.10
Per lin. ft.

No. 3—4 ft. and longer—numbered.....\$6.60
Per lin. ft.

MERRIAM-WEBSTER DICTIONARIES . . . For Every Need

Webster's New International Dictionary—Second Edition



This "foundation book of education" is the most generally used book in the schoolroom. It puts at the finger tips of teachers and students reliable information on every subject in the curriculum.

The acquisition of this big unabridged dictionary lessens the need for investment in a multitude of special works of reference. Equivalent in type matter to a multivolume encyclopedia, it costs less than seventenths of a cent per page. When the long life of the dictionary is considered, its cost per year is but an infinitely small percentage of the total book budget. It is

the best buy per dollar of cost in the whole world of books. 600,000 entries; 12,000 terms illustrated; magnificent color plates; 3,350 pages.

REGULAR-PAPER STYLE, 12 $\frac{3}{8}$ x 9 $\frac{3}{4}$ x 5 inches.

Weight, 16 $\frac{1}{2}$ lb.

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No. 2 Tan Fabrikoid, marbled edges, indexed..... 35.00

INDIA-PAPER STYLE, 12 $\frac{3}{8}$ x 9 $\frac{3}{4}$ x 3 inches.

Weight, 9 $\frac{1}{2}$ lb.

No. 5 Tan Library Buckram, sprinkled edges, indexed..... 37.50

No. 6 Full Leather, dark brown, sprinkled edges, indexed..... 45.00

Webster's New Collegiate Dictionary

This is a completely new book. Created by the same editorial staff that produced Webster's New International Dictionary, Second Edition, it is the latest in the famous Webster's Collegiate series and surpasses all other handy-size dictionaries in convenience, authority, usefulness, and up-to-dateness. A favorite of students with its authoritative definitions, exact pronunciation, and accurate etymologies. Over 125,000 entries, 2,300 terms illustrated.

THIN-PAPER STYLE, 7 $\frac{7}{8}$ x 10 x 1 $\frac{3}{4}$ inches. Weight, 3 $\frac{1}{8}$ lb.

No. 8 Tan Cloth, plain edges, without thumb index.....\$ 5.00

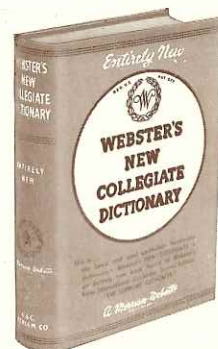
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No. 12 Limp Pigskin, dark blue, gold edges, indexed..... 12.50

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Merriam-Webster Dictionary Table

This sturdy table is designed to hold the unabridged dictionary, or other large reference book, for easy consultation either from a standing position or by using a chair of average height. The large casters (removable if desired) permit the table to be moved about with ease.

Early American in design, the table is built of solid walnut, with a natural finish. Suitable for home, yet will withstand hard usage in school, library, or office.

Size, 30 in. high x 24 in. wide x 12 $\frac{1}{2}$ in. deep.

Weight, 23 lb.

No. 30.....\$25.00

Webster's Dictionary of Synonyms

The most comprehensive work of its kind ever published. Includes full coverage of Antonyms, and analogous and contrasted words. Alphabetically arranged and fully cross-referenced, it is a handy student guide to the use of the right word in the right place. For all courses in the effective use of the English language, written or spoken. A best seller and standard work in the field of Synonyms. 940 pages.

Size, 7 $\frac{7}{8}$ x 9 $\frac{3}{4}$ x 1 $\frac{1}{4}$ inches.

Weight, 2 $\frac{1}{2}$ lb.

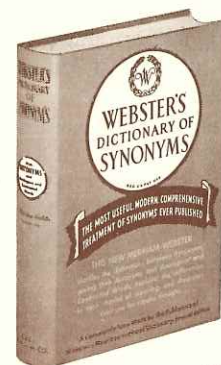
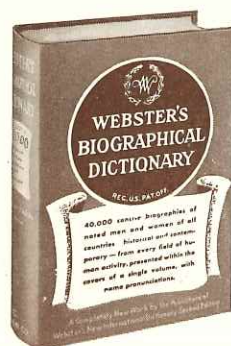
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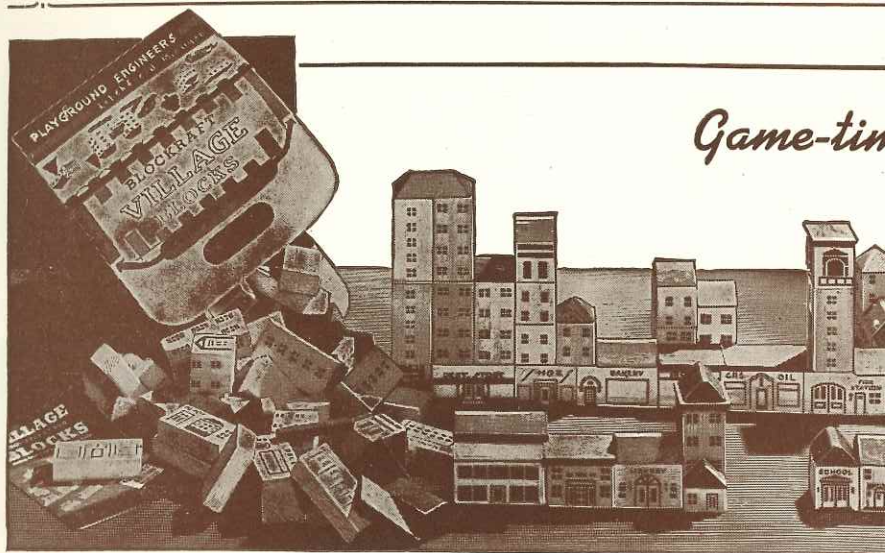
Webster's Biographical Dictionary

Contains some 40,000 concise biographies of notable men and women from every country and period of history—all within the compass of a single volume. Alphabetically arranged, it is a handy guide to essential facts—birth, death dates, important accomplishments, family relationships, influence on history. A valuable quick-reference source book for every course in the curriculum. 1,700 pages. Size 7 $\frac{7}{8}$ x 9 $\frac{3}{4}$ x 2 inches.

Weight, 4 $\frac{1}{4}$ lb.

No. 43 Brown Library Buckram, indexed.....\$7.50





Game-time VILLAGE BLOCKS

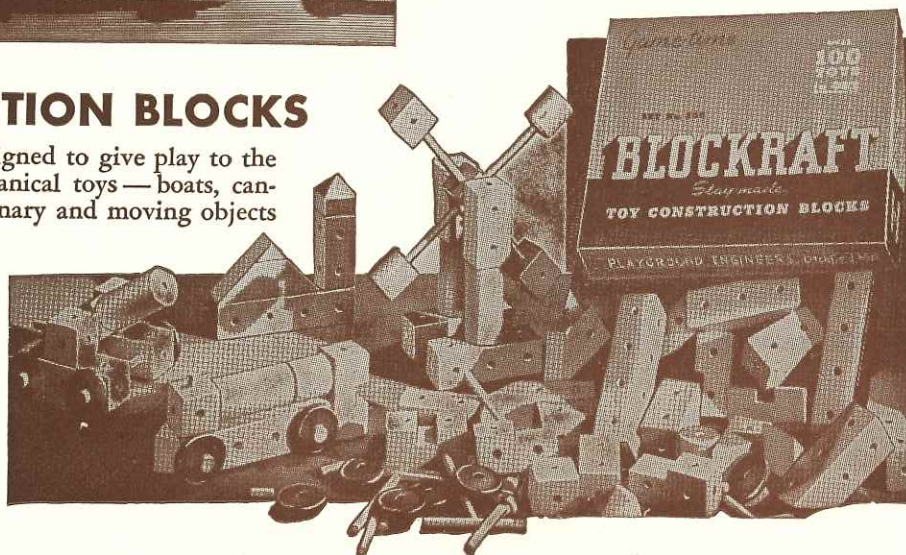
Blocks for the creation of an entire village! Windows, entrances, walls and roof shapes marked in blue on white pine, bright colored roof pieces. Entire set packaged in handy long life container. Builds houses, stores, schools, churches, etc.

No. BL24	100-piece set.....	\$ 2.15
No. BL24-6	600-piece set.....	12.70
No. BL24-12	1200-piece set.....	25.35

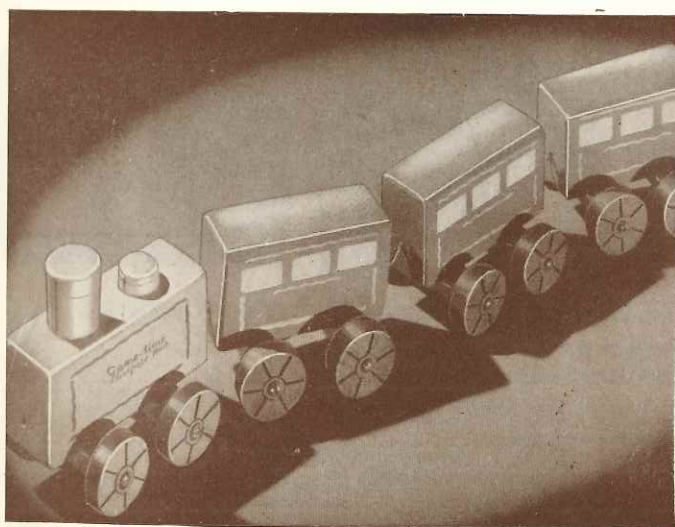
Game-time CONSTRUCTION BLOCKS

These ingenious basic-shape blocks are designed to give play to the inventive and creative young mind. Mechanical toys — boats, cannon, airships and hundreds of other stationary and moving objects may be built with the set. Blocks are $1\frac{3}{4}$ " white pine put together with sturdy hexagonal dowels. Brightly colored.

BL400	- 89-piece set.....	\$ 2.25
BL400-6	535-piece set.....	15.25
BL400-12	1068-piece set.....	30.50

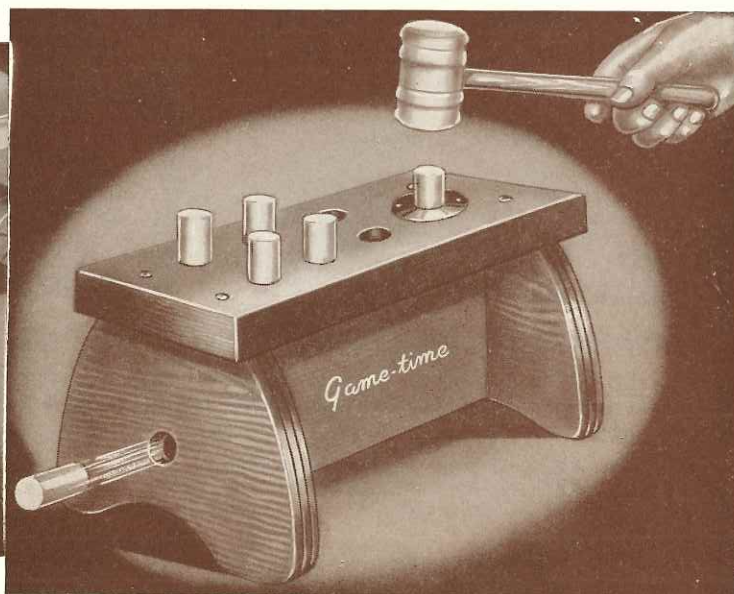


STURDY TOYS *Keep tiny tots busy for hours*



TRAIN

Every Child Plays Train—Engine and three cars. Wide axle—wood wheels held with 2 washers and screws. Five colors.
No. Game-time 221—Train Complete, $2\frac{1}{2}$ lbs.....\$3.00



KNOCK OUT BENCH

Pound peg in surface hole and colored pegs pop out from the end.
No. Game-time 261—Knock Out Bench, $2\frac{1}{4}$ lbs., each.....\$1.95



GAME-TIME PLYWOOD CUT-OUT PUZZLES — Educational! Entertaining!

Puzzles help children learn to judge size, form and color. Puzzles are painted attractively. Made of one-half inch plywood — nine inches wide — twelve inches long, solid wood back. Wooden inlays.

No. Game-time 196 — 12 assorted puzzles in case, 21 lbs.	\$16.50
No. Game-time 197 — 12 assorted puzzles, no case, 18 lbs.	11.50
No. Game-time 198 — Puzzle each, 1½ lbs., (specify design)	1.00

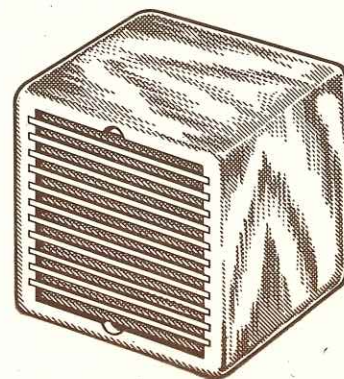
*The only puzzle made
with a plywood back*

PUZZLE CASE

Handy case keeps 12 puzzles in good order.
No. Game-time 156 — 3 lbs.

\$4.95

KEEP THEM NEAT AND ORDERLY



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